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May 2, 2016 **VIA PRIVATE CARRIER**

Ms. Ellen Jackson
Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd.
Baltimore, MD 21230

Subject: Transmittal of the Block F Underground Storage Tank Closure Report
(Appendix H to the Construction Completion Report)
Lockheed Martin Corporation; Middle River Complex
2323 Eastern Boulevard, Middle River, Baltimore County, Maryland

Dear Ms. Jackson:

Please find enclosed two hard copies with a CD of the above-referenced document. This document presents detailing underground storage tank (UST) removal activities at the Middle River Complex in Middle River, Maryland.

We respectfully request to receive Maryland Department of the Environment's approval by May 30, 2016.

Please let me know if you have any questions. My office phone is (301) 548-2209.

Sincerely,

Thomas D. Blackman
Project Lead, Environmental Remediation

cc: (via email without enclosure)
James Carroll, MDE
Gary Schold, MDE
Mark Mank, MDE
Christine Kline, Lockheed Martin
Norman Varney, Lockheed Martin
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Block F Underground Storage Tank Closure Report
Lockheed Martin Middle River Complex
2323 Eastern Boulevard
Middle River, Maryland

Facility ID – 13198

Case # 16-0084BA

Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

May 2016

Michael Martin, P.G.
Regional Manager

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ACRONYMS

Block	Tax Block
ESA	environmental site assessment
Lockheed Martin	Lockheed Martin Corporation
MDE	Maryland Department of the Environment
µg/kg	microgram(s) per kilogram
MRC	Middle River Complex
OCP	Oil Control Program
PAH(s)	polycyclic aromatic hydrocarbon(s)
REC(s)	recognized environmental condition(s)
RAP	remedial action plan
Tetra Tech	Tetra Tech, Inc.
TPH	total petroleum hydrocarbons
UCL	upper confidence level
USEPA	United States Environmental Protection Agency
UST	underground storage tank

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Section 1
Narrative

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech Inc. (Tetra Tech) has prepared this report detailing underground storage tank (UST) removal activities at the Middle River Complex (MRC), located in Baltimore County at 2323 Eastern Boulevard, Middle River, Maryland. The MRC site is comprised of approximately 160 acres with 12 main buildings. The property includes an active industrial area and yard, perimeter parking lots, an athletic field, a vacant concrete-covered lot, a trailer and parts storage lot, and numerous grassy areas along the facility perimeter. Locked chain-link fences surround all exterior lots and the main industrial area. The site is bounded by Eastern Boulevard (Route 150) to the north, Dark Head Cove to the south, Cow Pen Creek to the west, and Martin State Airport (MSA) to the east.

A Phase I environmental site assessment (ESA) was conducted at Middle River Complex in February 2003 to identify recognized environmental conditions (RECs) through a desktop study of historical documents and cursory site inspection. The Phase I ESA identified Former Aviation Fuel underground storage tanks, including seven closed-in-place 1,000-gallon underground storage tanks beneath the Boat Launch Area's concrete tarmac, as REC #5. The tanks were reportedly last used in 1954 and closed in place in 1986-1987. During the Phase I ESA investigation, no closure records were available for these underground storage tanks, and MRC personnel interviewed did not know whether confirmatory sampling had been conducted as part of the tank closure.

Due to the unknown status of the underground storage tanks, Lockheed Martin included tank removal and disposal into the Block F soil remedial action plan (RAP) which evaluated soil remedial alternatives for the remediation of polycyclic aromatic hydrocarbons (PAHs), expressed as benzo(a)pyrene equivalent concentrations, in Block F soil (Tetra Tech, 2013). The Block F soil remedial action plan was submitted and approved by Maryland Department of the Environment Controlled Hazardous Substance Enforcement Division in December 2013. The underground storage tank removal was then incorporated in the *100% Soil Remedial Action Design for Blocks D,*

D Panhandle, F, G, and H (Tetra Tech, 2015b) that was approved by state regulators in January 2015.

The seven 1,000-gallon underground storage tanks and a network of piping were uncovered approximately seven feet below ground surface in the concrete tarmac area of Block F during remedial activities on August 3-10, 2015 (Appendix A). All seven tanks had been previously filled with a concrete slurry. A sheet piling system was installed to stabilize the excavation area and safely remove the tanks.

The seven 1,000-gallon tanks were removed on November 4, 2015 and confirmation samples were collected from the base of the excavation on November 5, 2015 as directed by Ellen Jackson, the onsite Maryland Department of the Environment Oil Control Program (OCP) inspector. No sidewall samples were collected from the underground storage tank area because the sidewalls were covered by the sheet-piling system installed to stabilize the excavation area during tank removal. No evidence of contamination (via visual inspection or elevated photoionization detector readings) were encountered during excavation and removal of the tanks. The tanks were cut, cleaned, and secured for recycling at an approved recycling facility.

The piping network extended approximately 100-feet from the area where the underground storage tanks were removed. The piping network consisted of seven two-inch steel pipes and two three-inch steel pipes, located approximately six feet below ground surface. All piping within the erosion and sediment controls was removed on November 13, 2015. The remaining pipe located outside of the erosion and sediment control was removed on December 28, 2015 when no rain was forecasted and the excavation area was backfilled on the same day. Confirmation base and sidewall samples were collected from the pipe excavation areas as directed by the Oil Control Program inspector. No visually impacted material or elevated photoionization detector readings above background concentrations were encountered during excavation and removal of the piping network. The pipes were cut, cleaned, and secured for off-site disposal at an approved waste disposal facility.

Photographic documentation of the removal of the underground storage tank and associated piping is in Appendix B. The subsequent sections of this closure report detail the soil sampling methodology, sampling results, and recommendations.

Section 2
Soil Sampling

Fourteen soil samples (F-VB-UST-1 through F-VB-UST-14) were collected from the bottom of the underground storage tank (UST) excavation area following removal of the tanks at Tax Block (Block) F. Verification samples were collected from a depth of fourteen feet below ground surface in areas directed by the onsite Maryland Department of the Environment Oil Control Program (OCP) inspector. No sidewall samples were collected from the UST area because of the sheet piling system installed to stabilize the excavation area.

Additionally, eight soil samples (F-VB-UST-P-1 through F-VB-UST-P-8) were collected from the bottom of the pipe excavation area and four soil samples (F-VS-UST-P-1 through F-VS-UST-P-4) were collected from the sidewalls of the pipe excavation area. Pipe verification base samples were collected as grab samples from the excavation base at a frequency of one sample per fifteen linear feet. Pipe verification sidewall samples were collected as grab samples at locations directed by the OCP inspector, at the depth the pipes were before removal.

All soil samples were placed in wide-mouth laboratory-supplied glass jars and immediately placed on ice in a clean cooler. The cooler temperature was maintained at less than or equal to four degrees Celsius. Soil samples were delivered to TestAmerica Inc. and analyzed as directed by the onsite OCP inspector for full-suite volatile organic compounds by United States Environmental Protection Agency (USEPA) Method 8260, for semivolatile organic compounds by USEPA Method 8270, for total petroleum hydrocarbon (TPH) -diesel-range organics and TPH-gasoline-range organics by Method 8015, and for polychlorinated biphenyls by USEPA method 8082.

Per the OCP inspector’s guidance, collection of groundwater samples was not required after tanks were removed. Sampling locations are in Appendix C.

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Section 3
Analytical Results

Table 3-1 presents positive detections in the fourteen soil samples (F-VB-UST-1 through F-VB-UST-14) collected after the underground storage tanks (USTs) were removed. The soil samples were compared to Maryland Department of the Environment (MDE) soil standards (MDE, 2008). No exceedances of non-residential screening criteria were detected in the soil samples collected beneath the seven USTs. The complete analytical results for the base samples are in Appendix E.

Table 3-2 presents the detections in the soil sidewall and base samples collected after the piping network was removed. The pipe soil samples were compared to MDE soil standards. One exceedance of the MDE non-residential cleanup standard for benzo(a)pyrene (390 micrograms per kilogram [µg/kg]) was detected in the pipe removal area in sample F-VS-UST-P-3 at a concentration of 700 µg/kg. As presented in Section 1, polycyclic aromatic hydrocarbons, expressed as benzo(a)pyrene equivalents (BaPEq)[1], are the contaminant of concern evaluated in the Tax Block F soil remedial action plan (RAP). The BaPEq 95% upper confidence limit (UCL) for all pipe verification base and sidewall samples was calculated and compared to the site-specific remedial goal of 2,900 µg/kg as defined in the Block F RAP developed for the protection of industrial workers. As discussed below, the BaPEq RG for the industrial worker is also protective of the construction worker or utility worker (the likely receptor for subsurface soils).

The BaPEq 95% UCL was calculated to be 810 µg/kg which is less than the industrial worker remedial goal of 2,900 µg/kg. Additionally, the cancer risk calculated for the future industrial worker was 3×10^{-6}, a value less than the MDE cancer risk limit of $1x10^{-5}$. The BaPEq 95% UCL

[1] Per current United States Environmental Protection Agency (USEPA) guidance (USEPA, 1993b), concentrations of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene can be combined in an adjusted risk-weighted concentration that is expressed in terms of benzo(a)pyrene toxicity. This calculated value, called a *benzo(a)pyrene equivalent concentration* (BaPEq), uses USEPA-recommended toxicity equivalency factors (TEFs) to estimate the potency of each of these polycyclic aromatic hydrocarbon (PAH) compounds relative to that of benzo(a)pyrene. The TEFs are then used to convert each individual PAH concentration into an equivalent concentration of benzo(a)pyrene; these values are summed to arrive at the calculated BaPEq concentration.

of 810 µg/kg was also less than a construction worker remedial goal of 16,000 µg/kg. It should be noted that remedial goals developed for BaPEq for construction workers or utility workers exceed those developed for a typical industrial worker primarily because the exposure frequency/duration assumptions for the typical industrial worker are more conservative than those for the construction worker or utility worker. Thus, the BaPEq remedial goal for the industrial worker is also protective of the construction worker or utility worker. The remedial goal of 16,000 µg/kg, based on a target risk level of 1×10^{-5}, was developed for construction workers exposed to BaPEq in subsurface soil in the 2012 human health risk assessment (HHRA) (Tetra Tech, 2012) (Appendix D).

A residual risk technical memorandum detailing the UCL calculation along with the ProUCL calculation output sheet and risk is in Appendix D[2]. Laboratory analytical reports are in Appendix E.

[2] Note that the subsurface soil samples collected for the Block F UST closure are not included in the surface soil data set used for the residual risk analysis (RRA) conducted for the remaining Block F soils (see Appendix D). The RRA evaluates cancer and noncancer risks to industrial workers exposed to surface (the top two feet) soil.

Table 3-1

Summary of Soil Verification Samples - Block F Underground Storage Tank
Block F Underground Storage Tank Closure Report
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

LOCATION SAMPLE ID SAMPLE DATE	Remedial Goal	MDE Residential Cleanup Standard	MDE Non-Residential Cleanup Standard	F-VB-UST-1 F-VB-UST-1-14 20151105	F-VB-UST-2 F-VB-UST-2-14 20151105	F-VB-UST-2 F-VB-UST-2-14-AVG 20151105	F-VB-UST-2 F-VB-UST-2-14-D 20151105	F-VB-UST-3 F-VB-UST-3-14 20151105	F-VB-UST-4 F-VB-UST-4-14 20151105
VOLATILES (UG/KG)									
ACETONE	NA	7,000,000	92,000,000	5.7 U	6.3 U	6.15 U	6 UJ	6.6 U	6.2 U
NAPHTHALENE	NA	160,000	2,000,000	0.35 U	0.38 U	0.375 U	0.37 U	0.41 U	0.38 U
TOLUENE	NA	630,000	8,200,000	0.27 U	0.3 U	0.29 U	0.28 U	0.31 U	0.29 U
SEMIVOLATILES (UG/KG)									
ACETOPHENONE	NA	NA	NA	16 J	11 U	11 U	11 U	11 U	13 J
BENZALDEHYDE	NA	NA	NA	14 UJ	14 UJ	14 U	14 UJ	15 UJ	14 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	NA	46,000	200,000	31 J	22 U	16.5	22 J	23 U	33 J
DI-N-BUTYL PHTHALATE	NA	780,000	10,000,000	18 U	18 U	17.5 U	17 U	18 U	18 U
BAP EQUIVALENT-HALFND	2900	NA	NA	0.76 U	0.75 U	0.75 U	0.75 U	0.78 U	0.76 U
BAP EQUIVALENT-POS	2900	NA	NA	0.76 U	0.75 U	0.75 U	0.75 U	0.78 U	0.76 U
PETROLEUM HYDROCARBONS									
TPH (C10-C32) (mg/kg)	NA	230	620	16 U	10 U	9.1 U	8.2 U	7.7 U	7.6 U
TPH (C06-C10) (ug/kg)	NA	230,000	620,000	55 U	54 U	54 U	54 U	56 U	55 U

NOTES:

No sample exceeded the RG or the MDE residential and non-residential cleanup standards

J - Estimated
MDE - Maryland Department of the Environmen
NA - Not applicable/not available
U - Non-detect

Table 3-1

Summary of Soil Verification Samples - Block F Underground Storage Tank
Block F Underground Storage Tank Closure Report
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

LOCATION SAMPLE ID SAMPLE DATE	**Remedial Goal**	**MDE Residential Cleanup Standard**	**MDE Non-Residential Cleanup Standard**	**F-VB-UST-5 F-VB-UST-5-14 20151105**	**F-VB-UST-6 F-VB-UST-6-14 20151105**	**F-VB-UST-7 F-VB-UST-7-14 20151105**	**F-VB-UST-8 F-VB-UST-8-14 20151105**	**F-VB-UST-9 F-VB-UST-9-14 20151105**	**F-VB-UST-10 F-VB-UST-10-14 20151105**
VOLATILES (UG/KG)									
ACETONE	NA	7,000,000	92,000,000	13 J	6.6 U	6.4 U	6.6 U	12 J	6.4 U
NAPHTHALENE	NA	160,000	2,000,000	0.41 J	0.45 J	0.39 U	0.4 U	0.4 U	0.39 U
TOLUENE	NA	630,000	8,200,000	0.31 U	0.31 U	0.3 U	0.33 J	0.36 J	0.3 U
SEMIVOLATILES (UG/KG)									
ACETOPHENONE	NA	NA	NA	11 U	11 U	11 U	11 U	13 J	11 U
BENZALDEHYDE	NA	NA	NA	14 UJ	14 UJ	15 UJ	15 UJ	15 UJ	14 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	NA	46,000	200,000	38 J	32 J	32 J	23 U	40 J	29 J
DI-N-BUTYL PHTHALATE	NA	780,000	10,000,000	18 U	18 U	18 U	18 U	19 U	17 U
BAP EQUIVALENT-HALFND	2900	NA	NA	0.75 U	0.76 U	0.78 U	0.78 U	0.8 U	0.74 U
BAP EQUIVALENT-POS	2900	NA	NA	0.75 U	0.76 U	0.78 U	0.78 U	0.8 U	0.74 U
PETROLEUM HYDROCARBONS									
TPH (C10-C32) (mg/kg)	NA	230	620	7.5 U	7.7 U	16 U	7.7 U	7.8 U	13 U
TPH (C06-C10) (ug/kg)	NA	230,000	620,000	77 J	55 U	55 U	56 U	57 U	53 U

NOTES:
No sample exceeded the RG or the MDE residential and non-residential cleanup standards

J - Estimated
MDE - Maryland Department of the Environmen
NA - Not applicable/not available
U - Non-detect

Table 3-1

Summary of Soil Verification Samples - Block F Underground Storage Tank
Block F Underground Storage Tank Closure Report
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

LOCATION SAMPLE ID SAMPLE DATE	**Remedial Goal**	**MDE Residential Cleanup Standard**	**MDE Non-Residential Cleanup Standard**	**F-VB-UST-11 F-VB-UST-11-14 20151105**	**F-VB-UST-12 F-VB-UST-12-14 20151105**	**F-VB-UST-13 F-VB-UST-13-14 20151105**	**F-VB-UST-14 F-VB-UST-14-14 20151105**
VOLATILES (UG/KG)							
ACETONE	NA	7,000,000	92,000,000	6.8 U	6.3 U	5.9 U	6 U
NAPHTHALENE	NA	160,000	2,000,000	0.42 U	0.39 U	0.36 U	0.37 U
TOLUENE	NA	630,000	8,200,000	0.32 U	0.3 J	0.28 U	0.29 J
SEMIVOLATILES (UG/KG)							
ACETOPHENONE	NA	NA	NA	38 J	11 U	11 U	11 J
BENZALDEHYDE	NA	NA	NA	19 J	14 UJ	14 UJ	14 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	NA	46,000	200,000	23 U	23 U	60 J	22 U
DI-N-BUTYL PHTHALATE	NA	780,000	10,000,000	18 U	18 U	18 J	18 U
BAP EQUIVALENT-HALFND	2900	NA	NA	0.77 U	0.77 U	0.74 U	0.76 U
BAP EQUIVALENT-POS	2900	NA	NA	0.77 U	0.77 U	0.74 U	0.76 U
PETROLEUM HYDROCARBONS							
TPH (C10-C32) (mg/kg)	NA	230	620	9 U	30 U	13 U	11 U
TPH (C06-C10) (ug/kg)	NA	230,000	620,000	55 U	54 U	54 U	54 U

NOTES:

No sample exceeded the RG or the MDE residential and non-residential cleanup standards

J - Estimated
MDE - Maryland Department of the Environmen
NA - Not applicable/not available
U - Non-detect

Table 3-2

Summary of Soil Verification Samples - Block F Underground Storage Tank Pipe
Block F Underground Storage Tank Closure Report
Lockheed Martin Corporation Middle River Complex
Middle River, Maryland

LOCATION	Remedial Goal	MDE Residential Cleanup Standard	MDE Non-Residential Cleanup Standard	F-VB-UST-P-1	F-VB-UST-P-2	F-VB-UST-P-3	F-VB-UST-P-4	F-VB-UST-P-5	F-VB-UST-P-6	F-VB-UST-P-7	F-VB-UST-P-8	F-VS-UST-P-1	F-VS-UST-P-1				
SAMPLE ID													F-VS-UST-P-1-AVG	F-VS-UST-P-1-D	F-VS-UST-P-2	F-VS-UST-P-3	F-VS-UST-P-4
SAMPLE DATE				20151113	20151113	20151113	20151113	20151113	20151113	20151228	20151228	20151113	20151113	20151113	20151113	20151113	20151113
VOLATILES (UG/KG)																	
1,2,3-TRIMETHYLBENZENE	NA	NA	NA	0.54 U	0.51 U	0.54 U	0.49 U	0.5 U	0.53 U	0.86 J	0.5 U	0.87 J	0.555	0.48 U	98	1.5 J	0.53 UJ
1,2,4-TRIMETHYLBENZENE	NA	NA	NA	0.68 U	0.65 U	0.68 U	0.62 U	0.63 U	0.67 U	1.9 J	0.64 U	0.66 U	0.63 U	0.6 U	170	1.6 J	0.67 UJ
2-BUTANONE	NA	4,700,000	61,000,000	1.3 J	5.4 J	4.9 J	1.9 J	2 J	4.1 J	4.8 U	1.9 U	18 J	12.2	6.4 J	8.8 J	2.4 J	4.4 J
4-ISOPROPYLTOLUENE	NA	NA	NA	0.48 U	0.46 U	0.48 U	0.44 U	0.44 U	0.47 U	0.48 U	0.57 J	0.47 U	0.445 U	0.42 U	6.5	0.44 U	0.47 UJ
ACETONE	NA	7,000,000	92,000,000	8.2 J	70	66	16 J	11 J	57	36	9.4 U	86 J	60	34 J	26 U	12 J	21 J
BENZENE	NA	12,000	52,000	1.1 U	1 U	1.1 U	0.97 U	0.97 U	1 U	1 U	0.99 U	1.8 J	1.1325	0.93 U	6.8	0.96 U	1 U
ETHYLBENZENE	NA	780,000	10,000,000	0.37 U	0.36 U	0.37 U	0.34 U	0.35 U	0.37 U	0.66 J	0.35 U	0.36 U	0.345 U	0.33 U	140	0.34 U	0.37 U
ISOPROPYLBENZENE	NA	780,000	10,000,000	0.23 U	0.22 U	0.23 U	0.21 U	0.22 U	0.23 U	0.24 J	2 J	14	8.4	2.8 J	63	0.21 U	0.23 U
M+P-XYLENES	NA	NA	NA	0.49 U	0.47 U	0.49 U	0.45 U	1.4 J	0.49 U	2.9 J	0.46 U	1.9 J	1.0575	0.43 U	520 J	0.45 U	0.48 U
NAPHTHALENE	NA	160,000	2,000,000	0.41 U	0.39 U	0.41 U	0.38 U	0.38 U	0.4 U	0.61 U	0.88 U	1.1 J	0.64	0.36 U	17	1.7 J	0.88 J
N-BUTYLBENZENE	NA	NA	NA	0.69 U	0.66 U	0.69 U	0.63 U	0.64 U	0.68 U	0.69 U	0.83 J	7.1	4.4	1.7 J	11	0.63 U	0.68 UJ
N-PROPYLBENZENE	NA	NA	NA	0.7 `	0.67 U	0.7 U	0.64 U	0.65 U	0.69 U	0.7 U	1.9 J	20 J	12.2	4.4 J	55	0.64 U	0.69 UJ
O-XYLENE	NA	NA	NA	0.67 U	0.64 U	0.67 U	0.61 U	0.62 U	0.66 U	1.2 J	0.63 U	0.75 J	0.5225	0.59 U	14	0.61 U	0.65 U
SEC-BUTYLBENZENE	NA	NA	NA	1.1 U	1 U	1.1 U	0.98 U	0.98 U	1.1 U	1.1 U	1 U	8.6	5.3	2 J	12	0.97 U	1 UJ
TERT-BUTYLBENZENE	NA	NA	NA	0.78 U	0.75 U	0.78 U	0.72 U	0.72 U	0.77 U	0.78 U	0.74 U	2.3 J	1.3225	0.69 U	4.4 J	0.71 U	0.77 UJ
TOLUENE	NA	630,000	8,200,000	ND	ND	ND	ND	ND	ND	1.6 J	0.3 U	ND	ND	ND	ND	ND	ND
TOTAL XYLENES	NA	1,600,000	20,000,000	0.63 U	0.6 U	0.63 U	0.58 U	1.4 J	0.62 U	4.1 J	0.59 U	2.7 J	1.49	0.56 U	530	0.57 U	0.62 U
SEMIVOLATILES (UG/KG)																	
1,1-BIPHENYL	NA	NA	NA	4.1 U	4.1 U	4.3 U	4.2 U	4.2 U	4.1 U	4.3 U	4.1 U	4.2 U	4.15 U	4.1 U	7.2 J	85 J	48 J
2-METHYLNAPHTHALENE	NA	31,000	410,000	0.59 U	0.59 U	0.61 U	0.6 U	0.61 U	0.59 U	0.61 U	53	7.1 J	7.45	7.8	85	360	220
ACENAPHTHENE	NA	470,000	6,100,000	0.89 U	0.9 U	0.93 U	0.91 U	0.92 U	0.89 U	0.93 U	63	0.91 U	0.9 U	0.89 U	10	350	110
ACENAPHTHYLENE	NA	470,000	6,100,000	0.41 U	0.41 U	0.43 U	0.42 U	0.42 U	0.41 U	0.43 U	0.41 U	0.42 U	2.105	4 J	4.6 J	28	23
ACETOPHENONE	NA	NA	NA	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11.25	17 J	24 J	27 U	11 U
ANTHRACENE	NA	2,300,000	31,000,000	0.91 U	0.92 U	0.96 U	0.94 U	0.95 U	0.92 U	0.95 U	97	4.6 J	5	5.4 J	7.4 J	590	160
BENZALDEHYDE	NA	NA	NA	14 U	14 U	45 J	14 U	15 U	14 U	14 U	15 U	17 J	21	25 J	23 J	35 U	17 J
BENZO(A)ANTHRACENE	NA	220	3,900	0.74 U	0.74 U	0.77 U	0.76 U	0.76 U	0.74 U	0.77 U	140	12	14	16	14	960	200
BENZO(A)PYRENE	NA	22	390	0.75 U	0.76 U	0.78 U	0.77 U	0.78 U	0.75 U	0.78 U	100	12	14.5	17	12	700	100
BAP EQUIVALENT-HALFND	2900	NA	NA	0.75 U	0.76 U	0.78 U	0.77 U	0.78 U	0.75 U	0.78 U	153	16	20	23	17	1,005	168
BAP EQUIVALENT-POS	2900	NA	NA	0.75 U	0.76 U	0.78 U	0.77 U	0.78 U	0.75 U	0.78 U	153	16	19	23	16	1,005	168
BENZO(B)FLUORANTHENE	NA	220	3,900	0.69 U	0.7 U	0.72 U	0.71 U	0.72 U	0.69 U	0.72 U	180	17 J	23.5	30 J	17	1,100	240
BENZO(G,H,I)PERYLENE	NA	230,000	3,100,000	0.41 U	0.41 U	0.43 U	0.42 U	0.42 U	0.41 U	0.43 U	51	8.7	9.35	10	10	240	41
BENZO(K)FLUORANTHENE	NA	2,200	39,000	0.8 U	0.8 U	0.83 U	0.82 U	0.82 U	0.8 U	0.83 U	47	9.7	9.8	9.9	8.9	440	71
BIS(2-ETHYLHEXYL)PHTHALATE	NA	46,000	200,000	25 U	38 U	55 U	30 U	62 U	31 U	160 U	180 U	23 U	22.5 U	22 U	31 U	56 U	33 U
CARBAZOLE	NA	32,000	140,000	32 U	32 U	33 U	32 U	33 U	32 U	33 U	32 U	32 U	32 U	32 U	32 U	150	32 U
CHRYSENE	NA	22,000	390,000	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	94	18	20	22	20	1,000	260
DIBENZO(A,H)ANTHRACENE	NA	22	390	0.77 U	0.78 U	0.81 U	0.79 U	0.8 U	0.77 U	0.81 U	16	0.79 U	0.78 U	0.77 U	0.79 U	69	19
DIBENZOFURAN	NA	7,800	100,000	0.77 U	0.78 U	0.81 U	0.79 U	0.8 U	0.77 U	0.81 U	51 J	14 J	15	16 J	11 J	330	170
FLUORANTHENE	NA	310,000	4,100,000	0.64 U	0.65 U	0.67 U	0.66 U	0.67 U	0.65 U	9.3	490	27	32	37	30	2,500	560
FLUORENE	NA	310,000	4,100,000	0.62 U	0.63 U	0.65 U	0.64 U	0.64 U	0.62 U	0.65 U	88	4.8 J	5.45	6.1 J	14	350	120
INDENO(1,2,3-CD)PYRENE	NA	220	3,900	0.41 U	0.41 U	0.43 U	0.42 U	0.42 U	0.41 U	0.43 U	45	7.3 J	8.25	9.2	9	250	40
NAPHTHALENE	NA	160,000	2,000,000	0.96 U	0.97 U	1 U	0.98 U	0.99 U	0.96 U	4.3 J	14	7.4 J	9.7	12	51	460	290
PHENANTHRENE	NA	2,300,000	31,000,000	0.86 U	0.86 U	0.9 U	0.88 U	0.88 U	0.86 U	9.3	570	20	23.5	27	35	1,900	550
PYRENE	NA	230,000	3,100,000	0.52 U	0.52 U	0.54 U	0.53 U	0.53 U	0.52 U	7.9 J	370	23	26.5	30	28	1,800	420
PCBS (UG/KG)																	
AROCLOR-1260	NA	320	1400	10 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	10 U	11 U	11 U
TOTAL AROCLOR	NA	NA	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U
TOTAL AROCLOR HALFND	NA	NA	NA	52.15	53.75	55.95	53.8	54.35	53.75	55.95	53.8	53.75	53.75	53.75	52.15	53.8	53.75
PETROLEUM HYDROCARBONS (UG/KG)																	
TPH (C06-C10)	NA	230000	620000	54 U	55 U	60 J	55 U	55 U	55 U	56 U	55 U	3500 J	2650	1800 J	5500	110 J	55 U
PETROLEUM HYDROCARBONS (MG/KG)																	
TPH (C10-C32)	NA	230	620	7.6 U	7.6 U	7.9 U	7.6 U	7.8 U	8 J	7.9 U	42	80	65.5	51	130	42	120

NOTES:
GREY SHADED CELLS EXCEED MDE RESIDENTIAL CLEANUP STANDARDS
BLACK SHADED CELLS EXCEED MDE RESIDENTIAL AND NON-RESIDENTIAL CLEANUP STANDARDS
No sample exceeded the remedial goal

U - Non-detect
NA - Not applicable/not available
J - Estimated

Section 4
Conclusions and Recommendations

Tax Block (Block F) of Middle River Complex (MRC) is an industrial site at 2323 Eastern Boulevard in Middle River, Maryland. Block F occupies approximately 11.94 acres in the southern portion of MRC. Block F is bounded on the north by the concrete foundation of former Building D (Block E) and properties formerly owned by Lockheed Martin now occupied by the Tilley Chemical Company and North American Electric. Block F is bounded to the east by the waterfront lot portion of Block D and Dark Head Cove, to the south by Dark Head Cove, and to the west by Cow Pen Creek. East of MRC is the Martin State Airport, totaling approximately 750 acres, which in 1975 was transferred from Martin Marietta to the State of Maryland.

Sampling results from the soil sample F-VS-UST-P-3 indicate the presence of benzo(a)pyrene above the Maryland Department of the Environment non-residential soil cleanup standard (390 µg/kg); however, when included in the overall benzo(a)pyrene equivalent (BaPEq) calculation of 810 µg/kg, the concentration is below the remedial goal of 2,900 µg/kg for industrial workers established and approved by the Maryland Department of the Environment for Block F (Appendix D). Additionally, the cancer risk to the industrial worker was calculated to be 3×10^{-6} which is less than the 1×10^{-5} cancer risk set in the remedial action plan for BaPEq in Block F soils. The BaPEq exposure point concentration calculation was also less than a remedial goal of 16,000 µg/kg based on a target risk level of 1×10^{-5} developed for construction workers exposed to BaPEq in subsurface soil.

Because the current and future use of the site is industrial, and sampling results indicate the cancer risk posed by remaining benzo(a)pyrene in subsurface soil is below 1×10^{-5} for industrial workers and construction workers, Lockheed Martin Corporation recommends performing no additional work with regard to the underground storage tanks removed from Block F.

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Section 5
References

1. Earth Tech, 2003. *Phase I Environmental Site Assessment, Chesapeake Industrial Park, Middle River, Maryland, May*.

2. MDE (Maryland Department of the Environment), 2008. *Cleanup Standards for Soil and Groundwater.* Interim Final. Update No. 2.1. June.

3. Tetra Tech, Inc. (Tetra Tech), 2012. *Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland*. September.

4. Tetra Tech, Inc. (Tetra Tech), 2013. *Block F Remedial Action Plan. Lockheed Martin Middle River Complex, Middle River, Maryland*. Report prepared for Lockheed Martin Corporation, Bethesda, Maryland by Tetra Tech, Inc., Germantown, Maryland. January.

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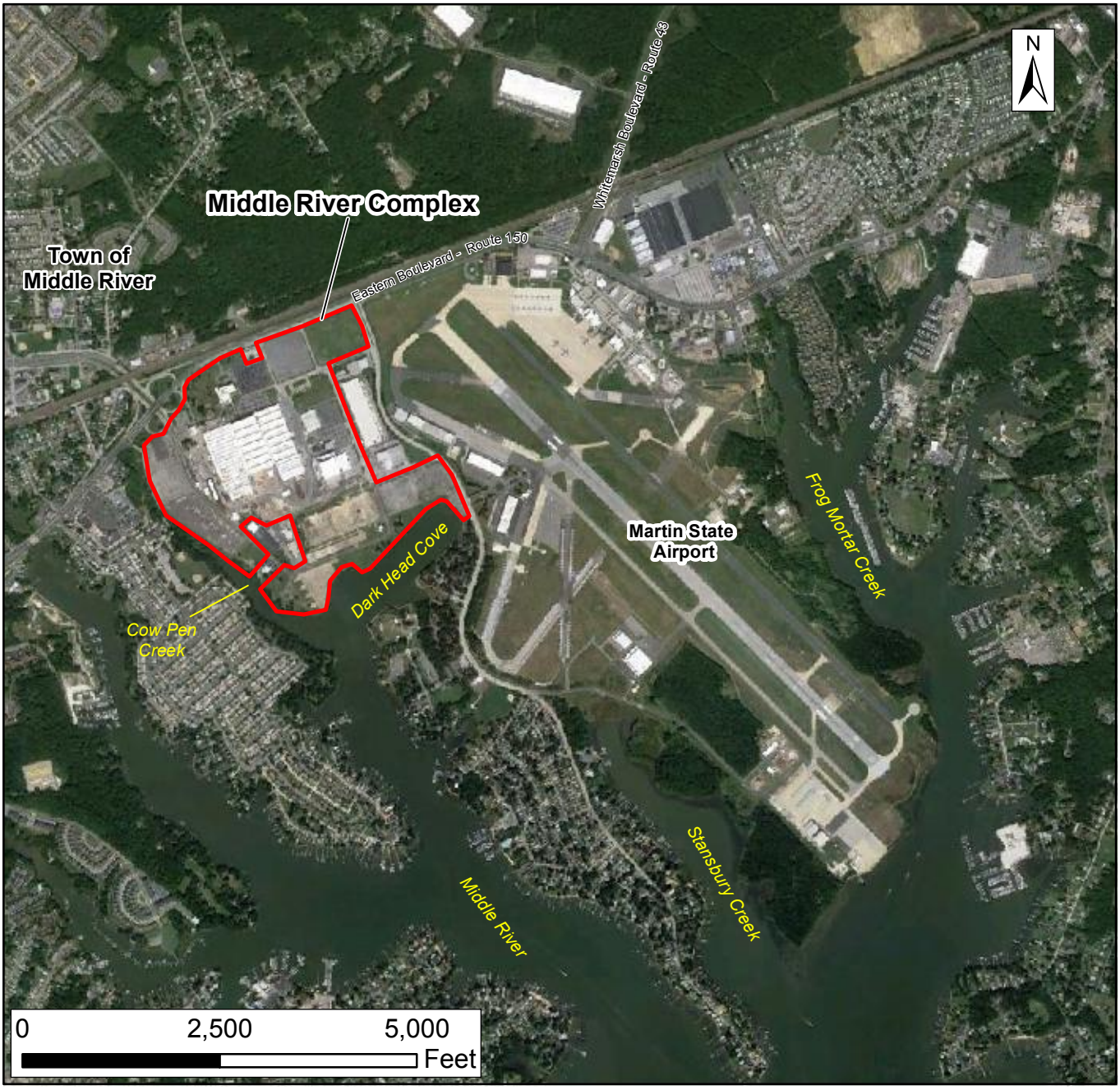
APPENDIX A—UST LOCATION MAP



Source: Google Earth, 2013

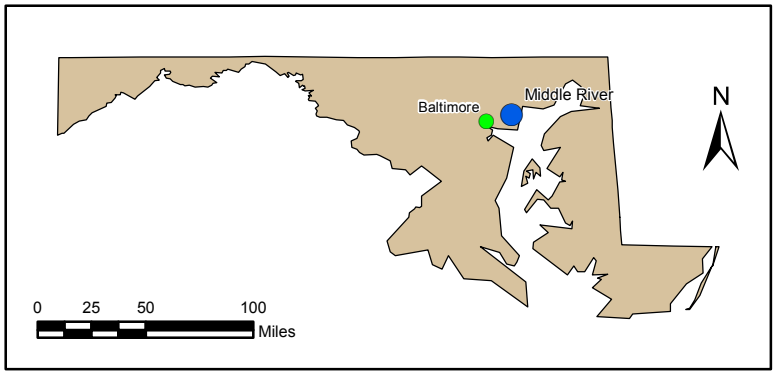


FIGURE 1

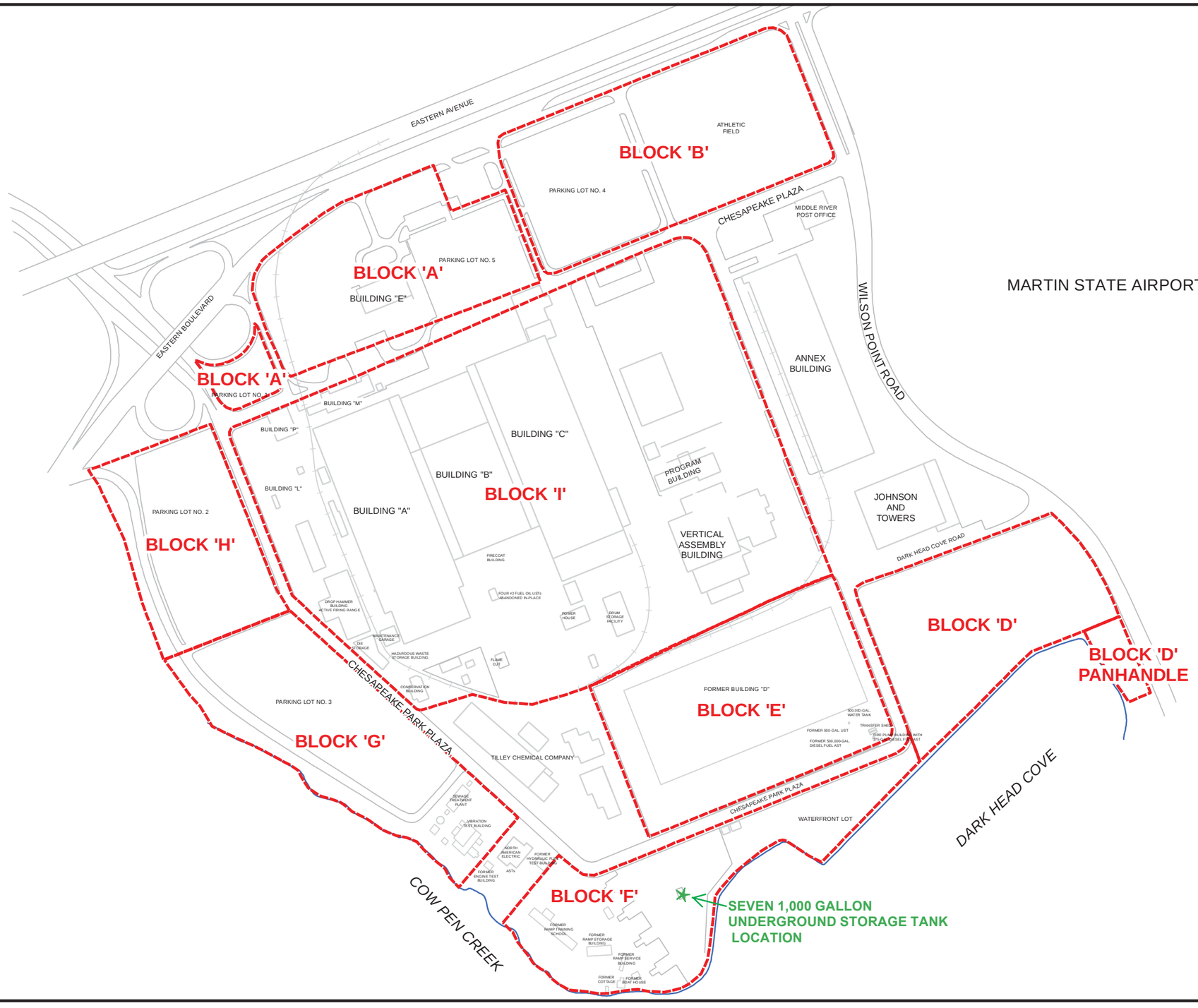
MIDDLE RIVER COMPLEX LOCATION MAP

Lockheed Martin Middle River Complex
Middle River, Maryland

DATE MODIFIED:	CREATED BY:
5/1/13	MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\MiddleRiver_MRC_Location Map_Fig 1-1_revised050113.mxd) 5/1/2013 -- 11:18:55 AM



MARTIN STATE AIRPORT

FIGURE 2

LOCKHEED MARTIN
MIDDLE RIVER COMPLEX
TAX BLOCKS

LEGEND

- TAX BLOCK
- STRUCTURE
- RAILROAD TRACKS

Lockheed Martin Middle River Complex
Middle River, Maryland

0 200 400 Feet

N

DATE MODIFIED: 6/20/13

CREATED BY: MP

TETRA TECH

Map Document: (K:\GProject\middle_river\Maps\MRC Tax Blocks_091911.mxd)

APPENDIX B—PHOTOGRAPHIC DOCUMENTATION

Photographs of Underground Storage Tank and Piping Removal



Comments: 1. Technicians assessing tank integrity and conducting tank surveying



Comments: 2. Technician screening suction tube opening of UST #3 in Block F UST excavation.

Photos of Select Daily Activities (continued)



Comments: 3. Equipment operator breaks concrete retaining wall to facilitate UST removal. Note concrete between tanks.



Comments: 4. UST #7 detached from concrete retaining walls. 6"-8" concrete pad beneath USTs.

Photos of Select Daily Activities



Comments: 1. Block F UST area; removal of UST from Block F excavation area.



Comments: 2. Block F UST area; repositioning UST on to plastic lined area.

Photos of Select Daily Activities (continued)



Comments: 3. Block F UST area; USTs, concrete walls and concrete pad.



Comments: 4. Block F UST Area following removal of USTs, concrete walls and concrete pad.

Photos of Select Daily Activities



Comments: 1. Block F UST area; bobcat with hammer attachment utilized to break up concrete for future sampling and disposal.

Comments: 2.

Photos of Select Daily Activities (continued)



Comments: 3. Block F UST area; excavator utilized to dump and spread select fill during backfilling activities.



Comments: 4. Block F UST area; mini-roller utilized to compact select fill.

Photos of Select Daily Activities



Comments: 1. Block F UST pipe removal; (7) 2" steel pipes uncovered, the (2) 3" steel pipes run underneath the 2" pipes. Piping system located approximately 6' bgs.



Comments: 2. Block F UST pipe removal; excavator bucket removes 2" steel pipes from the excavation area.

Photos of Select Daily Activities (continued)



Comments: 3. Block F UST pipe removal; excavator bucket with clay soil from the base of the excavation @ 8-10' bgs, soil does not appear to be impacted and PID readings did not exceed 0.0 ppm.



Comments: 4. Block F UST pipe removal; excavator bucket with clay soil from base of excavation @ 8-10 bgs.

Photos of Select Daily Activities

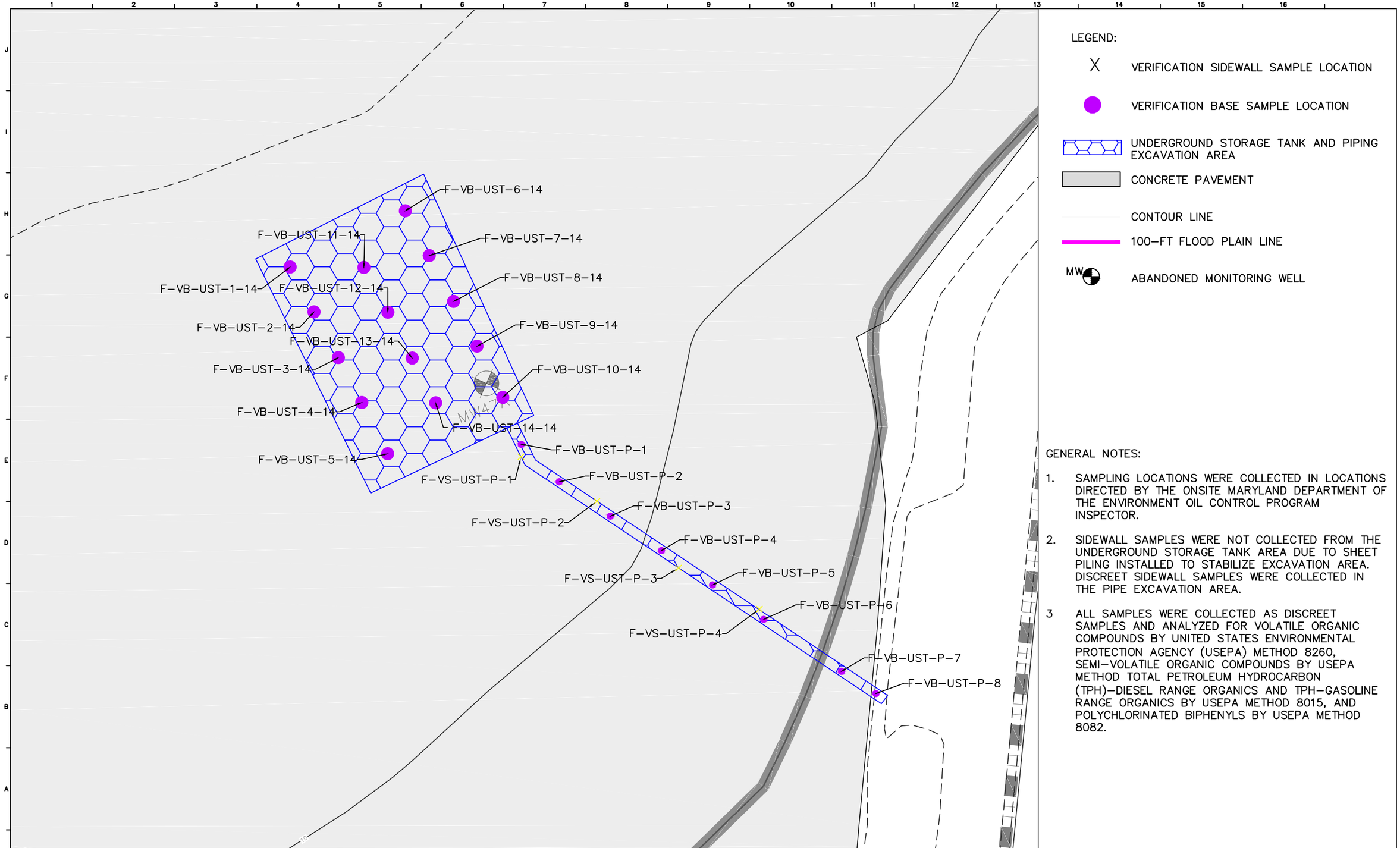


Comments: 1. Delivery of select fill to Block F UST Area prior to backfilling with CR-6 to stabilize base of excavation.



Comments: 2. Placing select fill in Block F UST excavation.

APPENDIX C—SAMPLING LOCATION DIAGRAM



LEGEND:

- X — VERIFICATION SIDEWALL SAMPLE LOCATION
- ● — VERIFICATION BASE SAMPLE LOCATION
- UNDERGROUND STORAGE TANK AND PIPING EXCAVATION AREA
- CONCRETE PAVEMENT
- CONTOUR LINE
- 100-FT FLOOD PLAIN LINE
- MW — ABANDONED MONITORING WELL

GENERAL NOTES:

1. SAMPLING LOCATIONS WERE COLLECTED IN LOCATIONS DIRECTED BY THE ONSITE MARYLAND DEPARTMENT OF THE ENVIRONMENT OIL CONTROL PROGRAM INSPECTOR.

2. SIDEWALL SAMPLES WERE NOT COLLECTED FROM THE UNDERGROUND STORAGE TANK AREA DUE TO SHEET PILING INSTALLED TO STABILIZE EXCAVATION AREA. DISCREET SIDEWALL SAMPLES WERE COLLECTED IN THE PIPE EXCAVATION AREA.

3 ALL SAMPLES WERE COLLECTED AS DISCREET SAMPLES AND ANALYZED FOR VOLATILE ORGANIC COMPOUNDS BY UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) METHOD 8260, SEMI-VOLATILE ORGANIC COMPOUNDS BY USEPA METHOD TOTAL PETROLEUM HYDROCARBON (TPH)-DIESEL RANGE ORGANICS AND TPH-GASOLINE RANGE ORGANICS BY USEPA METHOD 8015, AND POLYCHLORINATED BIPHENYLS BY USEPA METHOD 8082.

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MARK	DATE	DESCRIPTION	BY

LOCKHEED MARTIN
MIDDLE RIVER COMPLEX

UNDERGROUND STORAGE TANK AND PIPING AREA
SAMPLING LOCATION DIAGRAM
BLOCK F

DATE:	1/22/2016
PROJECT NO.:	112IC07483
DESIGNED BY:	ISG
DRAWN BY:	ISG
CHECKED BY:	SAN
SHEET:	1 OF 1

COPYRIGHT TETRA TECH INC.

FIGURE 3

K:\CADD\ARC\112IC07483\Construction Completion\Block F\AS BUILT FIGURES_Block F.dwg IVANNA.GOLDSBERRY 3/7/2016 5:35:24 PM

APPENDIX D—UNDERGROUND STORAGE TANK RESIDUAL RISK TECHNICAL MEMORANDUM

Technical Memorandum
Block F Underground Storage Tank
Lockheed Martin, Middle River Complex
Middle River, Maryland
May 2016

Block F UST Pipe Samples

Detected concentrations in the Block F underground storage tank (UST) pipe samples (eight base samples and four sidewall samples plus one duplicate) were compared to Maryland Department of the Environment (MDE) Cleanup Standards for residential and non-residential soil and United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for residential and industrial soil, and concentrations of benzo(a)pyrene equivalents (BaPEq) were compared to the remedial goal (RG) of 2,900 µg/kg. BaPEq were calculated for the carcinogenic polycyclic aromatic hydrocarbons (cPAHs) benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3 cd)pyrene using a toxicity equivalence factor (TEF) approach based on the relative potency of each compound to that of benzo(a)pyrene (USEPA, 1993). The TEFs are used to convert each individual cPAH concentration into an equivalent concentration of benzo(a)pyrene; these individual concentrations are then summed. That summation is referred to as the BaPEq concentration. BaPEq concentrations were calculated two different ways. First, a BaPEq-half non-detect value was calculated using one-half of the detection limit of non-detected cPAHs to represent non-detected cPAH concentrations in the calculation. Second, the BaPEq-positive results value was calculated using a value of 0 for non-detected results. In either case, if all the cPAHs were not detected in a sample, then the sample quantitation limit for benzo(a)pyrene was used as the BaPEq concentration for that sample. The relevant data and calculations are presented in Table 1. The cPAHs were the only target analytes detected at concentrations exceeding the RSLs or MDE standards.

Concentrations of benzo(a)pyrene and BaPEq exceeded the MDE Cleanup Standards for residential and non-residential soil in one sample, F-VS-UST-P-3, and several additional detected concentrations of cPAHs exceeded the MDE Cleanup Standard for residential soil but did not exceed the MDE Cleanup Standard for non-residential soil (in samples F-VB-UST-P-8,

F-VS-UST-P-1-D, F-VS-UST-P-3, and F-VS-UST-P-4). Concentrations of BaPEq and benzo(a)pyrene exceeded the USEPA RSLs for industrial and residential soil in sample F-VS-UST-P-3, and concentrations of one or more cPAHs exceeded RSLs for residential soil only in samples F-VB-UST-P-8, F-VS-UST-P-1, F-VS-UST-P-1-D, F-VS-UST-P-2, F-VS-UST-P-3, and F-VS-UST-P-4. However, BaPEq concentrations reported for all samples collected are less than the RG for the industrial worker. It should be noted that RGs developed for BaPEq for construction workers or utility workers would exceed those developed for a typical industrial worker primarily because the exposure frequency/duration assumptions for the typical industrial worker are more conservative than those for the construction worker or utility worker. Thus, the BaPEq RG for the industrial worker is also protective of the construction worker or utility worker. An RG of 16,000 µg/kg was developed for construction workers exposed to BaPEq in subsurface soil in the 2012 human health risk assessment (HHRA) (Tetra Tech, 2012). A calculation showing how this RG was developed is attached. The construction worker RG is based on a target risk level of 1×10^{-5}.

Conservatively, a cancer risk estimate was developed assuming that an industrial worker might (hypothetically) be exposed to BaPEq concentrations in the soils. The analysis (presented below) demonstrates that the risk estimate would not exceed the MDE's cumulative cancer risk benchmark. This analysis is included for informational purposes only. Typical worker exposure to subsurface soils will be prevented by land use controls.

Because concentrations of individual cPAHs and the BaPEq (which represents the cPAHs) exceeded one or more screening criteria (i.e., the RSLs and MDE standards), the cPAHs were evaluated as chemicals of potential concern (COPC), and 95% upper confidence limits (UCLs) on the arithmetic mean for BaPEq (for both BaPEq-half non-detect and BaPEq-positive results) were calculated using USEPA ProUCL (Version 5.0.00) software (USEPA, 2013). Samples (all were subsurface soil collected greater than 2 feet below ground surface [bgs]) used for calculating the 95% UCLs and their BaPEq concentrations are listed in the following table:

Sample	BaPEq-Half Non-Detect (µg/kg)	BaPEq-Positive Results (µg/kg)
F-VB-UST-P-1	0.75 U	0.75 U
F-VB-UST-P-2	0.76 U	0.76 U
F-VB-UST-P-3	0.78 U	0.78 U

Sample	BaPEq-Half Non-Detect (µg/kg)	BaPEq-Positive Results (µg/kg)
F-VB-UST-P-4	0.77 U	0.77 U
F-VB-UST-P-5	0.78 U	0.78 U
F-VB-UST-P-6	0.75 U	0.75 U
F-VB-UST-P-7	0.78 U	0.78 U
F-VB-UST-P-8	150	150
F-VS-UST-P-1-AVG	20	19
F-VS-UST-P-2	17	16
F-VS-UST-P-3	1000	1000
F-VS-UST-P-4	170	170

The 95% UCLs for the BaPEq are similar whether using one-half the value of non-detected results or positive results only in the calculation, and the higher of the UCLs, 810 µg/kg, was selected to represent the BaPEq. This UCL is less than the RG of 2,900 µg/kg. The ProUCL output file is included at the end of this appendix.

The 95% UCL was also used to calculate risk for an industrial worker, using the following equation:

$$\text{Cancer risk} = [(95\%\ \text{UCL} \times \text{Target risk}) / \text{Risk-based concentration}]$$

This simple risk estimation technique is presented in the User's Guide for the USEPA's RSL Tables. The target risk level in the calculation was set to 1×10^{-6} (i.e., the RSL is set at a concentration representing the one-in-one million excess chance of developing cancer), and the RSL for industrial soil (USEPA, 2015) was used as the risk-based concentration.

For the industrial scenario, the residual risk would be:

$$\text{Cancer risk} = [(810\ \mu g/kg \times 1\times10^{-6}) / 290\ \mu g/kg] = 3\times10^{-6}.$$

The residual cancer risk for the industrial scenario (3×10^{-6}) is less than MDE's cumulative cancer risk management benchmark of 1×10^{-5}.

Block F UST Base Samples

Detected concentrations in the Block F UST Area base samples (14 samples plus 1 duplicate) were compared to MDE and USEPA residential and industrial soil criteria. Detected results did not exceed the criteria, and cPAHs were not detected. Therefore, no COPCs were identified, and no further evaluation was necessary.

References

Tetra Tech, Inc. (Tetra Tech), 2012. Human Health Risk Assessment (HHRA) for Blocks D, E, F, G, and H Soils, Lockheed Martin Middle River Complex, 2323 Eastern Boulevard, Middle River, Maryland. September.

USEPA, 1993. Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons. EPA/600/R-93/089. Office of Research and Development, Washington, D.C. July.

USEPA, 2013. ProUCL Version 5.0.00 User Guide. Office of Research and Development, Washington, D.C. EPA/600/R 07/041. September.

USEPA, 2015. Regional Screening Levels for Chemical Contaminants at Superfund Sites. http://epa-prgs.USEPA.gov/chemicals/index.shtml. November.

Site-specific
Construction Worker Equation Inputs for Soil - Unpaved Road Traffic

Variable	Value
TR (target cancer risk) unitless	0.000001
THQ (target hazard quotient) unitless	1
EF_{cw} (exposure frequency - construction worker) day/yr	250
ED_{cw} (exposure duration - construction worker) yr	1
ET_{cw} (exposure time - construction worker) hr/day	8
LT (lifetime) yr	70
BW_{cw} (body weight - construction worker) kg	70
IR_{cw} (soil ingestion rate - construction worker) mg/day	480
SA_{cw} (surface area - construction worker) cm^2/day	3280
AF_{cw} (skin adherence factor - construction worker) mg/cm^2	0.3
AT_{cw} (averaging time - construction worker)	365
EW_{cw} (overall duration of construction) weeks/year	50
DW_{cw} (days worked - construction worker) days/week	5
A_s (PEF_{sc} - acres)	0.5
s (road surface silt content) %	8.5
M_{dry} (road surface material moisture content under dry, uncontrolled conditions) %	0.2
p (days per year with at least .01" of precipitation) days/year	140
L_R (length of road segment) ft	147.58077
W_R (width of road segment) ft	20
number of cars	20
number of trucks	10
tons/car	2
tons/truck	20
F_D Unitless Dispersion Correction Factor	0.185837208
t_c (overall duration of construction) hours	8400
distance (road length) km/day	0.04498
T_t (overall duration of traffic) s	7200000
total number of vehicles	30
A_R (surface area of contaminated road segment) m^2	274.21393
W (mean vehicle weight) tons	8
ΣVKT (sum of fleet vehicle km traveled) km	337.35
Q/C_{sr} (inverse of the ratio of the 1-h. geometric mean air concentration to the emissio	23.01785
PEF_{sc} (particulate emission factor) m^3/kg	1428031.096
A (Dispersion Constant)	12.9351
B (Dispersion Constant)	5.7383
C (Dispersion Constant)	71.7711
A_{surf} (areal extent of site) m^2	
A_s ($VF_{ulim-sc}$ acres)	0.5
T (temperature) °C	25
foc (fraction organic carbon in soil) g/g	0.006
ρ_b (dry soil bulk density) g/cm^3	1.5
ρ_s (soil particle density) g/cm^3	2.65
θ_w (water-filled soil porosity) L_{water}/L_{soil}	0.15
A (VF Dispersion Constant)	2.4538
B (VF Dispersion Constant)	17.566
C (VF Dispersion Constant)	189.0426
Q/C_{sa} (inverse of the ratio of the geometric mean air concentration to the emission flu	14.31407
n (total soil porosity) L_{pore}/L_{soil}	0.43396
θ_a (air-filled soil porosity) L_{air}/L_{soil}	0.28396
A_s ($VF_{mlim-sc}$ acres)	0.5
ρ_b (dry soil bulk density) g/cm^3	1.5
d_s (average source depth) m	.
Q/C_{vol} (inverse of the ratio of the geometric mean air concentration to the emission fl	14.31407
$VF_{mlim-sc}$ (volitization factor) m^3_{air}/kg_{soil}	.

Output generated 18APR2016:17:44:23

Site-specific
Construction Worker Screening Levels (RSL) for Soil - Unpaved Road Traffic
ca=Cancer, nc=Noncancer, ca* (Where nc SL < 100 x ca SL),
ca** (Where nc SL < 10 x ca SL), max=SL exceeds ceiling limit (see User's Guide), sat=SL exceeds csat,
Smax=Soil SL exceeds ceiling limit and has been substituted with the max value (see User's Guide),
Ssat=Soil inhalation SL exceeds csat and has been substituted with the csat

Chemical	CAS Number	Mutagen?	VOC?	Ingestion SF (mg/kg-day)$^{-1}$	SFO Ref	Inhalation Unit Risk (ug/m^3)$^{-1}$	IUR Ref	Subchronic RfD (mg/kg-day)	Subchronic RfD Ref	Subchronic RfC (mg/m^3)	Subchronic RfC Ref	GIABS	ABS	RBA	Volatilization Factor (m^3/kg)	Soil Saturation Concentration (mg/kg)	Particulate Emission Factor (m^3/kg)	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	Screening Level (mg/kg)
Benzo[a]pyrene	50-32-8	Yes	No	7.30E+00	I	1.10E-03	C	-		-		1	0.13	1	-	-	1.43E+06	2.04E+00	7.66E+00	3.98E+02	1.61E+00	-	-	-	-	1.61E+00 ca

Output generated 18APR2016:17:44:23

APPENDIX E—ANALYTICAL LABORATORY REPORT

LABORATORY REPORTS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-57597-1

Job Description: MRC Soil Remedy Block F UST

For:
Tetra Tech, Inc.
20251 Century Blvd
Suite 200
Germantown, MD 20874

Attention: Tony Apanavage



Approved for release.
John McFadden
Project Manager I
11/19/2015 10:29 AM

John McFadden, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
john.mcfadden@testamericainc.com
11/19/2015
Revision: 1

cc: Samantha Brenner
Kelly Carper
Tobrena Sedlmyer

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CASE NARRATIVE

Client: Tetra Tech, Inc.

Project: MRC Soil Remedy Block F UST

Report Number: 240-57597-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/6/2015 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.9º C and 2.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 11/10/2015 and 11/11/2015.

2-Butanone (MEK), Naphthalene and Toluene were detected in method blank MB 240-206267/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

2-Butanone (MEK) was detected in method blank MB 240-206089/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) associated with batch 240-206051 recovered above the upper control limit for 1,1,1-Trichloroethane; 1,1,2-Trichloro-1,2,2-trifluoroethane; 2,2-Dichloropropane; Carbon tetrachloride; Dichloro-difluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 240-206267 was outside the method criteria for the following analyte(s): 2-Hexanone, Acetone, 2-Methyl-2-propanol, 2-Chloroethyl Vinyl Ether, 4-Methyl-2-Pentanone, 2,2-Dichloropropane, and 2-Butanone. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samplesF-VB-UST-DUP (240-57597-15), (CCV 240-206267/4), (CCVIS 240-206267/3), (LCS 240-206267/5), (MB 240-206267/6), (240-57597-B-15-C MS) and (240-57597-B-15-D MSD) and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TB-110515 (240-57597-16) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/12/2015.

2-Butanone (MEK) was detected in method blank MB 240-206461/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) for analytical batch 206461 exceeded control criteria for Hexachlorobutadiene. The samples associated with this CCV were non-detect for the affected analyte. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compound was detected; therefore the data has been reported. No further corrective action was required. TB-110515 (240-57597-16)

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample. TB-110515 (240-57597-16)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/09/2015 and analyzed on 11/11/2015.

The analyte benzaldehyde had an Rf below method recommendations in analytical batch 206233. An LODV was analyzed to demonstrate sensitivity for this analyte at the reporting limit for the following samples:F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14), F-VB-UST-DUP (240-57597-15), (LCS 240-205866/9-A), (MB 240-205866/8-A), (240-57597-D-15-E MS) and (240-57597-D-15-F MSD).

Two analytes had Rfs below method recommendations: Benzaldehyde and Hexachlorocyclopentadiene. A LODV was analyzed to demonstrate sensitivity for these analytes at the reporting limit for the following samples: F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9) and F-VB-UST-10-14 (240-57597-10).

The continuing calibration verification (CCV) associated with analytical batch 206233 recovered above the upper control limit for N-Nitrosodi-n-propylamine. The samples associated with this CCV were non-detect for this analyte; therefore, the data have been reported. The following samples are impacted: F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14), F-VB-UST-DUP (240-57597-15), (MB 240-205866/8-A), (240-57597-D-15-E MS) and (240-57597-D-15-F MSD).

The continuing calibration verification (CCV) for analytical batch 206233 was below method recommendations for the analyte benzaldehyde (>20%D). Benzaldehyde was present in sample F-VB-UST-11-14 (240-57597-11) at an estimated amount of 19ug/kg J. Had the response of benzaldehyde been within method recommendations the amount of benzaldehyde measured in the sample would likely have still been a small estimated concentration (J flag). Therefore, no additional analysis or corrective action was initiated. The results have been flagged accordingly and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015C - GRO. The samples were prepared and analyzed on 11/11/2015 and 11/12/2015.

The matrix spike duplicate (MSD) precision for 206211 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS (DRO)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12),

F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 11/09/2015 and analyzed on 11/10/2015 and 11/11/2015.

Total Petroleum Hydrocarbons (C10-C32) was detected in method blank MB 240-205788/22-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/09/2015 and analyzed on 11/11/2015.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F-VB-UST-5-14 (240-57597-5) and F-VB-UST-13-14 (240-57597-13).Reagents 2266653, 1848564 and 2283702.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/09/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 200091

Lab Sample ID: STD5 240-200091/2 IC Client Sample ID:

Date Analyzed: 10/02/15 10:48 Lab File ID: 51002002.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.92	Poor chromatography	gruberj	10/02/15 11:35
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 11:35
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 11:35

Lab Sample ID: STD4 240-200091/3 IC Client Sample ID:

Date Analyzed: 10/02/15 11:12 Lab File ID: 51002003.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.93	Poor chromatography	gruberj	10/02/15 11:37
N-Nitrosodimethylamine	3.40	Poor chromatography	gruberj	10/02/15 11:37
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 11:37
Benzoic acid	7.04	Poor chromatography	gruberj	10/02/15 11:37

Lab Sample ID: STD3 240-200091/4 IC Client Sample ID:

Date Analyzed: 10/02/15 11:37 Lab File ID: 51002004.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.93	Poor chromatography	gruberj	10/02/15 12:48
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 12:48
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 12:48
Benzoic acid	7.03	Poor chromatography	gruberj	10/02/15 12:48

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 200091

Lab Sample ID: STD2 240-200091/5 IC Client Sample ID:

Date Analyzed: 10/02/15 12:01 Lab File ID: 51002005.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.96	Poor chromatography	gruberj	10/02/15 12:50
N-Nitrosodimethylamine	3.38	Poor chromatography	gruberj	10/02/15 12:50
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 12:50

Lab Sample ID: STD9 240-200091/7 IC Client Sample ID:

Date Analyzed: 10/02/15 12:50 Lab File ID: 51002007.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.93	Poor chromatography	gruberj	10/02/15 14:00
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 14:00
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 14:00
Benzoic acid	7.13	Poor chromatography	gruberj	10/02/15 14:00
Caprolactam	7.71	Poor chromatography	gruberj	10/02/15 14:00

Lab Sample ID: STD8 240-200091/8 IC Client Sample ID:

Date Analyzed: 10/02/15 13:15 Lab File ID: 51002008.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.96	Poor chromatography	gruberj	10/02/15 14:02
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 14:02
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 14:02
Benzoic acid	7.11	Poor chromatography	gruberj	10/02/15 14:02
Caprolactam	7.70	Poor chromatography	gruberj	10/02/15 14:02

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 200091

Lab Sample ID: STD7 240-200091/9 IC Client Sample ID:

Date Analyzed: 10/02/15 13:39 Lab File ID: 51002009.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.93	Poor chromatography	gruberj	10/02/15 14:04
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 14:04
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 14:04
Benzoic acid	7.10	Poor chromatography	gruberj	10/02/15 14:04
Caprolactam	7.69	Poor chromatography	gruberj	10/02/15 14:04

Lab Sample ID: STD6 240-200091/10 ICIS Client Sample ID:

Date Analyzed: 10/02/15 14:04 Lab File ID: 51002010.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.93	Poor chromatography	gruberj	10/02/15 14:27
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 14:27
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 14:27
Caprolactam	7.68	Poor chromatography	gruberj	10/02/15 14:27

Lab Sample ID: ICV 240-200091/11 Client Sample ID:

Date Analyzed: 10/02/15 14:28 Lab File ID: 51002011.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.96	Poor chromatography	gruberj	10/02/15 15:03
N-Nitrosodimethylamine	3.41	Poor chromatography	gruberj	10/02/15 15:03
Pyridine	3.47	Poor chromatography	gruberj	10/02/15 15:03
Caprolactam	7.68	Poor chromatography	gruberj	10/02/15 15:03

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 206256

Lab Sample ID: CCV 240-206256/2 CCVIS Client Sample ID:

Date Analyzed: 11/11/15 09:34 Lab File ID: 51111002.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.75	Poor chromatography	gruberj	11/11/15 09:57
N-Nitrosodimethylamine	3.28	Poor chromatography	gruberj	11/11/15 09:57
Pyridine	3.31	Poor chromatography	gruberj	11/11/15 09:57

Lab Sample ID: 240-57597-7 Client Sample ID: F-VB-UST-7-14

Date Analyzed: 11/11/15 13:44 Lab File ID: 51111012.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol (Surr)	9.45	Poor chromatography	gruberj	11/11/15 14:04

Lab Sample ID: 240-57597-9 Client Sample ID: F-VB-UST-9-14

Date Analyzed: 11/11/15 14:33 Lab File ID: 51111014.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol-d5 (Surr)	5.83	Poor chromatography	gruberj	11/12/15 12:45
2,4,6-Tribromophenol (Surr)	9.45	Poor chromatography	gruberj	11/12/15 12:45

Lab Sample ID: 240-57597-10 Client Sample ID: F-VB-UST-10-14

Date Analyzed: 11/11/15 14:57 Lab File ID: 51111015.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol-d5 (Surr)	5.83	Poor chromatography	gruberj	11/12/15 12:46
2,4,6-Tribromophenol (Surr)	9.45	Poor chromatography	gruberj	11/12/15 12:46

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 204569

Lab Sample ID: STD5 240-204569/2 IC Client Sample ID:

Date Analyzed: 10/30/15 13:19 Lab File ID: 51030002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.05	Poor chromatography	ulmanm	10/30/15 14:26
N-Nitrosodimethylamine	3.56	Poor chromatography	ulmanm	10/30/15 14:26
Pyridine	3.62	Poor chromatography	ulmanm	10/30/15 14:26
Benzoic acid	7.24	Poor chromatography	ulmanm	10/30/15 14:26
4-Chloroaniline	7.57	Poor chromatography	ulmanm	10/30/15 14:26
Di-n-octyl phthalate	13.17	Poor chromatography	ulmanm	10/30/15 14:26

Lab Sample ID: STD4 240-204569/3 IC Client Sample ID:

Date Analyzed: 10/30/15 13:44 Lab File ID: 51030003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.05	Poor chromatography	ulmanm	10/30/15 14:30
N-Nitrosodimethylamine	3.56	Poor chromatography	ulmanm	10/30/15 14:30
Pyridine	3.62	Poor chromatography	ulmanm	10/30/15 14:30
Benzoic acid	7.25	Poor chromatography	ulmanm	10/30/15 14:30
Di-n-octyl phthalate	13.16	Poor chromatography	ulmanm	10/30/15 14:30
Indeno[1,2,3-cd]pyrene	16.42	Poor chromatography	ulmanm	10/30/15 14:30

Lab Sample ID: STD3 240-204569/4 IC Client Sample ID:

Date Analyzed: 10/30/15 14:10 Lab File ID: 51030004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.04	Poor chromatography	ulmanm	10/30/15 14:43
Pyridine	3.62	Poor chromatography	ulmanm	10/30/15 14:43
Benzoic acid	7.23	Poor chromatography	ulmanm	10/30/15 14:43
Di-n-octyl phthalate	13.16	Poor chromatography	ulmanm	10/30/15 14:43
Indeno[1,2,3-cd]pyrene	16.41	Poor chromatography	ulmanm	10/30/15 14:43

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 204569

Lab Sample ID: STD2 240-204569/5 IC Client Sample ID:

Date Analyzed: 10/30/15 14:35 Lab File ID: 51030005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.06	Poor chromatography	ulmanm	10/30/15 15:14
N-Nitrosodimethylamine	3.56	Poor chromatography	ulmanm	10/30/15 15:14
Pyridine	3.62	Poor chromatography	ulmanm	10/30/15 15:14
4-Nitroaniline	9.49	Poor chromatography	ulmanm	10/30/15 15:14
Di-n-octyl phthalate	13.16	Poor chromatography	ulmanm	10/30/15 15:14
Dibenz(a,h)anthracene	16.42	Poor chromatography	ulmanm	10/30/15 15:14
Indeno[1,2,3-cd]pyrene	16.42	Poor chromatography	ulmanm	10/30/15 15:14
Benzo[g,h,i]perylene	17.04	Poor chromatography	ulmanm	10/30/15 15:14

Lab Sample ID: STD1 240-204569/6 IC Client Sample ID:

Date Analyzed: 10/30/15 15:01 Lab File ID: 51030006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.85	Poor chromatography	ulmanm	10/30/15 15:45
Benzo[a]pyrene	14.34	Poor chromatography	ulmanm	10/30/15 15:45
Indeno[1,2,3-cd]pyrene	16.41	Poor chromatography	ulmanm	10/30/15 15:45
Dibenz(a,h)anthracene	16.42	Poor chromatography	ulmanm	10/30/15 15:45
Benzo[g,h,i]perylene	17.03	Poor chromatography	ulmanm	10/30/15 15:45

Lab Sample ID: STD9 240-204569/7 IC Client Sample ID:

Date Analyzed: 10/30/15 15:27 Lab File ID: 51030007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.05	Poor chromatography	ulmanm	10/30/15 16:05
Pyridine	3.62	Poor chromatography	ulmanm	10/30/15 16:05
Benzoic acid	7.29	Poor chromatography	ulmanm	10/30/15 16:05

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 204569

Lab Sample ID: STD8 240-204569/8 IC Client Sample ID:

Date Analyzed: 10/30/15 15:52 Lab File ID: 51030008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.05	Poor chromatography	ulmanm	10/30/15 16:32
Caprolactam	7.88	Poor chromatography	ulmanm	10/30/15 16:32

Lab Sample ID: STD7 240-204569/9 IC Client Sample ID:

Date Analyzed: 10/30/15 16:17 Lab File ID: 51030009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.05	Poor chromatography	ulmanm	10/31/15 07:11

Lab Sample ID: STD6 240-204569/10 ICIS Client Sample ID:

Date Analyzed: 10/30/15 16:42 Lab File ID: 51030010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.06	Poor chromatography	ulmanm	10/31/15 07:17
Pyridine	3.62	Poor chromatography	ulmanm	10/31/15 07:17

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 206233

Lab Sample ID: CCV 240-206233/2 CCVIS Client Sample ID:

Date Analyzed: 11/11/15 07:49 Lab File ID: 51111002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	7.15	Poor chromatography	ulmanm	11/11/15 08:27

Lab Sample ID: 240-57597-12 Client Sample ID: F-VB-UST-12-14

Date Analyzed: 11/11/15 15:14 Lab File ID: 51111020.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:11

Lab Sample ID: 240-57597-13 Client Sample ID: F-VB-UST-13-14

Date Analyzed: 11/11/15 15:39 Lab File ID: 51111021.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:13

Lab Sample ID: 240-57597-14 Client Sample ID: F-VB-UST-14-14

Date Analyzed: 11/11/15 16:03 Lab File ID: 51111022.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol-d5 (Surr)	5.96	Poor chromatography	ulmanm	11/12/15 08:15
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:15

Lab Sample ID: 240-57597-15 Client Sample ID: F-VB-UST-DUP

Date Analyzed: 11/11/15 16:28 Lab File ID: 51111023.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol-d5 (Surr)	5.97	Poor chromatography	ulmanm	11/12/15 08:26
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:26

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 206233

Lab Sample ID: 240-57597-15 MS Client Sample ID: F-VB-UST-DUP MS

Date Analyzed: 11/11/15 16:52 Lab File ID: 51111024.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol-d5 (Surr)	5.96	Poor chromatography	ulmanm	11/12/15 08:31
3 & 4 Methylphenol	6.64	Poor chromatography	ulmanm	11/12/15 08:31
4-Chloro-3-methylphenol	7.89	Poor chromatography	ulmanm	11/12/15 08:31
2,4,5-Trichlorophenol	8.33	Poor chromatography	ulmanm	11/12/15 08:31
4-Nitrophenol	8.98	Poor chromatography	ulmanm	11/12/15 08:31
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:31
Pentachlorophenol	10.02	Poor chromatography	ulmanm	11/12/15 08:31

Lab Sample ID: 240-57597-15 MSD Client Sample ID: F-VB-UST-DUP MSD

Date Analyzed: 11/11/15 17:17 Lab File ID: 51111025.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylphenol	6.50	Poor chromatography	ulmanm	11/12/15 08:35
3 & 4 Methylphenol	6.63	Poor chromatography	ulmanm	11/12/15 08:35
4-Chloro-3-methylphenol	7.87	Poor chromatography	ulmanm	11/12/15 08:35
2,4,5-Trichlorophenol	8.30	Poor chromatography	ulmanm	11/12/15 08:35
2,4,6-Tribromophenol (Surr)	9.59	Poor chromatography	ulmanm	11/12/15 08:35

GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Analysis Batch Number: 194508

Lab Sample ID: STD1 240-194508/7 IC Client Sample ID:

Date Analyzed: 08/24/15 13:59 Lab File ID: A0082107.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	10.34	Baseline Smoothing	bosworthh	08/25/15 10:02
Gasoline Range Organics [C6 - C10]	11.46	Baseline Smoothing	bosworthh	08/25/15 10:02
C6-C12	12.73	Baseline Smoothing	bosworthh	08/25/15 10:02

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 206105

Lab Sample ID: CCV 240-206105/7 CCVRT Client Sample ID:

Date Analyzed: 11/10/15 16:28 Lab File ID: P5B11007.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/10/15 17:01

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 206356

Lab Sample ID: 240-57597-15 MSD Client Sample ID: F-VB-UST-DUP MSD

Date Analyzed: 11/11/15 21:39 Lab File ID: P5B11114.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/12/15 13:52

SAMPLE SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-57597-1	F-VB-UST-1-14	Solid	11/05/2015 0900	11/06/2015 1020
240-57597-2	F-VB-UST-2-14	Solid	11/05/2015 0902	11/06/2015 1020
240-57597-3	F-VB-UST-3-14	Solid	11/05/2015 0904	11/06/2015 1020
240-57597-4	F-VB-UST-4-14	Solid	11/05/2015 0906	11/06/2015 1020
240-57597-5	F-VB-UST-5-14	Solid	11/05/2015 0908	11/06/2015 1020
240-57597-6	F-VB-UST-6-14	Solid	11/05/2015 0910	11/06/2015 1020
240-57597-7	F-VB-UST-7-14	Solid	11/05/2015 0912	11/06/2015 1020
240-57597-8	F-VB-UST-8-14	Solid	11/05/2015 0914	11/06/2015 1020
240-57597-9	F-VB-UST-9-14	Solid	11/05/2015 0916	11/06/2015 1020
240-57597-10	F-VB-UST-10-14	Solid	11/05/2015 0918	11/06/2015 1020
240-57597-11	F-VB-UST-11-14	Solid	11/05/2015 0920	11/06/2015 1020
240-57597-12	F-VB-UST-12-14	Solid	11/05/2015 0922	11/06/2015 1020
240-57597-13	F-VB-UST-13-14	Solid	11/05/2015 0924	11/06/2015 1020
240-57597-14	F-VB-UST-14-14	Solid	11/05/2015 0926	11/06/2015 1020
240-57597-15	F-VB-UST-DUP	Solid	11/05/2015 0000	11/06/2015 1020
240-57597-16	TB-110515	Water	11/05/2015 0000	11/06/2015 1020

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57597-1	**F-VB-UST-1-14**					
2-Butanone (MEK)		3.9	J B	20	ug/Kg	8260C
Acetophenone		16	J	120	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		31	J	83	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		16	J B	19	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-57597-2	**F-VB-UST-2-14**					
2-Butanone (MEK)		4.0	J B	22	ug/Kg	8260C
Total Petroleum Hydrocarbons (C10-C32)		10	J B	20	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-57597-3	**F-VB-UST-3-14**					
2-Butanone (MEK)		3.9	J B	23	ug/Kg	8260C
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture
240-57597-4	**F-VB-UST-4-14**					
2-Butanone (MEK)		4.0	J B	22	ug/Kg	8260C
Acetophenone		13	J	120	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		33	J	83	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		7.6	J B	20	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-57597-5	**F-VB-UST-5-14**					
2-Butanone (MEK)		4.3	J B	23	ug/Kg	8260C
Acetone		13	J	23	ug/Kg	8260C
Naphthalene		0.41	J	5.8	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		38	J	82	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		77	J	120	ug/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57597-6	**F-VB-UST-6-14**					
2-Butanone (MEK)		3.8	J B	23	ug/Kg	8260C
Naphthalene		0.45	J	5.8	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		32	J	83	ug/Kg	8270D
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture
240-57597-7	**F-VB-UST-7-14**					
2-Butanone (MEK)		4.1	J B	22	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		32	J	85	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		16	J B	20	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-57597-8	**F-VB-UST-8-14**					
2-Butanone (MEK)		4.3	J B	23	ug/Kg	8260C
Toluene		0.33	J	5.8	ug/Kg	8260C
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture
240-57597-9	**F-VB-UST-9-14**					
2-Butanone (MEK)		4.4	J B	23	ug/Kg	8260C
Acetone		12	J	23	ug/Kg	8260C
Toluene		0.36	J	5.8	ug/Kg	8260C
Acetophenone		13	J	120	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		40	J	87	ug/Kg	8270D
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-57597-10	**F-VB-UST-10-14**					
2-Butanone (MEK)		3.5	J B	22	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		29	J	81	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		13	J B	19	mg/Kg	8015C
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57597-11	**F-VB-UST-11-14**					
2-Butanone (MEK)		3.9	J B	24	ug/Kg	8260C
Acetophenone		38	J	120	ug/Kg	8270D
Benzaldehyde		19	J	120	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		9.0	J B	20	mg/Kg	8015C
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture
240-57597-12	**F-VB-UST-12-14**					
2-Butanone (MEK)		3.7	J B	22	ug/Kg	8260C
Toluene		0.30	J	5.5	ug/Kg	8260C
Total Petroleum Hydrocarbons (C10-C32)		30	B	20	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-57597-13	**F-VB-UST-13-14**					
2-Butanone (MEK)		3.1	J B	21	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		60	J	81	ug/Kg	8270D
Di-n-butyl phthalate		18	J	81	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		13	J B	20	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-57597-14	**F-VB-UST-14-14**					
2-Butanone (MEK)		4.0	J B	21	ug/Kg	8260C
Toluene		0.29	J	5.3	ug/Kg	8260C
Acetophenone		11	J	120	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		11	J B	19	mg/Kg	8015C
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture
240-57597-15	**F-VB-UST-DUP**					
2-Butanone (MEK)		3.6	J B	21	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		22	J	82	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		8.2	J B	20	mg/Kg	8015C
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture

METHOD SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	TAL CAN	SW846 8015C	
Purge and Trap	TAL CAN		SW846 5030A
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method	Analyst	Analyst ID
SW846 8260C	Evans, Laura	LEE
SW846 8260C	Lata, Todd	TJL2
SW846 8260C	Macenczak, Steven	SAM
SW846 8270D	Gruber, John	JMG
SW846 8270D	Ulman, Mark	MRU
SW846 8015C	Reed, Rachel T	RTR
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8082A	Hass, Lori	LSH
EPA Moisture	Nolle, Laura C	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-1-14

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146336.D
Dilution:	1.0			Initial Weight/Volume:	5.89 g
Analysis Date:	11/10/2015 1443			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.50	U	0.50	5.0
1,1,1-Trichloroethane		0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane		0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		0.42	U	0.42	5.0
1,1-Dichloroethane		0.34	U	0.34	5.0
1,1-Dichloroethene		0.81	U	0.81	5.0
1,1-Dichloropropene		0.37	U	0.37	5.0
1,2,3-Trichlorobenzene		0.50	U	0.50	5.0
1,2,3-Trichloropropane		0.79	U	0.79	5.0
1,2,3-Trimethylbenzene		0.46	U	0.46	5.0
1,2,4-Trichlorobenzene		0.38	U	0.38	5.0
1,2,4-Trimethylbenzene		0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane		2.7	U	2.7	10
1,2-Dichlorobenzene		0.34	U	0.34	5.0
1,2-Dichloroethane		0.46	U	0.46	5.0
1,2-Dichloropropane		0.14	U	0.14	5.0
1,3-Dichlorobenzene		0.69	U	0.69	5.0
1,3-Dichloropropane		0.40	U	0.40	5.0
1,4-Dichlorobenzene		0.28	U	0.28	5.0
2,2-Dichloropropane		0.44	U	0.44	5.0
2-Butanone (MEK)		3.9	J B	1.1	20
2-Chloroethyl vinyl ether		0.64	U	0.64	50
2-Chlorotoluene		0.30	U	0.30	5.0
2-Hexanone		0.68	U	0.68	20
4-Chlorotoluene		0.26	U	0.26	5.0
p-Isopropyltoluene		0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)		1.2	U	1.2	20
Acetone		5.7	U	5.7	20
Benzene		0.91	U	0.91	5.0
Bromobenzene		0.33	U	0.33	5.0
Bromoform		0.24	U	0.24	5.0
Bromomethane		0.42	U	0.42	5.0
Carbon disulfide		0.59	U	0.59	5.0
Carbon tetrachloride		0.65	U	0.65	5.0
Chlorobenzene		0.53	U	0.53	5.0
Dibromochloromethane		0.37	U	0.37	5.0
Chloroethane		0.44	U	0.44	5.0
Chloroform		0.36	U	0.36	5.0
Chloromethane		0.80	U	0.80	5.0
cis-1,2-Dichloroethene		0.28	U	0.28	5.0
cis-1,3-Dichloropropene		0.72	U	0.72	5.0
Dibromomethane		0.42	U	0.42	5.0
Bromochloromethane		0.33	U	0.33	5.0
Dichlorodifluoromethane		0.28	U	0.28	5.0
Bromodichloromethane		0.29	U	0.29	5.0
tert-Butyl alcohol (TBA)		5.8	U	5.8	200

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146336.D
Dilution:	1.0			Initial Weight/Volume:	5.89 g
Analysis Date:	11/10/2015 1443			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.32	U	0.32	5.0
Hexachlorobutadiene		0.40	U	0.40	5.0
Diisopropyl ether		0.59	U	0.59	10
Isopropylbenzene		0.20	U	0.20	5.0
Methyl tert-butyl ether		0.43	U	0.43	5.0
Methylene Chloride		0.75	U	0.75	5.0
m-Xylene & p-Xylene		0.42	U	0.42	10
Naphthalene		0.35	U	0.35	5.0
n-Butylbenzene		0.59	U	0.59	5.0
N-Propylbenzene		0.60	U	0.60	5.0
o-Xylene		0.57	U	0.57	5.0
sec-Butylbenzene		0.92	U	0.92	5.0
Styrene		0.40	U	0.40	5.0
Tert-amyl methyl ether		0.43	U	0.43	5.0
Ethyl t-butyl ether		0.41	U	0.41	5.0
Tetrachloroethene		0.81	U	0.81	5.0
Toluene		0.27	U	0.27	5.0
trans-1,2-Dichloroethene		0.32	U	0.32	5.0
trans-1,3-Dichloropropene		0.29	U	0.29	5.0
Trichloroethene		0.38	U	0.38	5.0
Trichlorofluoromethane		0.29	U	0.29	5.0
Vinyl acetate		0.66	U	0.66	10
Vinyl chloride		0.30	U	0.30	5.0
Xylenes, Total		0.54	U	0.54	10
tert-Butylbenzene		0.67	U	0.67	5.0
1,2-Dibromoethane		0.53	U	0.53	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	103		67 - 125
Dibromofluoromethane (Surr)	101		37 - 132
4-Bromofluorobenzene (Surr)	91		52 - 136
1,2-Dichloroethane-d4 (Surr)	103		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-2-14

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146337.D
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	11/10/2015 1505			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.55	U	0.55	5.5
1,1,1-Trichloroethane		0.71	U	0.71	5.5
1,1,2,2-Tetrachloroethane		0.34	U	0.34	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane		0.46	U	0.46	5.5
1,1-Dichloroethane		0.37	U	0.37	5.5
1,1-Dichloroethene		0.88	U	0.88	5.5
1,1-Dichloropropene		0.41	U	0.41	5.5
1,2,3-Trichlorobenzene		0.55	U	0.55	5.5
1,2,3-Trichloropropane		0.86	U	0.86	5.5
1,2,3-Trimethylbenzene		0.50	U	0.50	5.5
1,2,4-Trichlorobenzene		0.42	U	0.42	5.5
1,2,4-Trimethylbenzene		0.64	U	0.64	5.5
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.37	U	0.37	5.5
1,2-Dichloroethane		0.50	U	0.50	5.5
1,2-Dichloropropane		0.15	U	0.15	5.5
1,3-Dichlorobenzene		0.76	U	0.76	5.5
1,3-Dichloropropane		0.44	U	0.44	5.5
1,4-Dichlorobenzene		0.31	U	0.31	5.5
2,2-Dichloropropane		0.48	U	0.48	5.5
2-Butanone (MEK)		4.0	J B	1.2	22
2-Chloroethyl vinyl ether		0.70	U	0.70	55
2-Chlorotoluene		0.33	U	0.33	5.5
2-Hexanone		0.75	U	0.75	22
4-Chlorotoluene		0.29	U	0.29	5.5
p-Isopropyltoluene		0.45	U	0.45	5.5
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	22
Acetone		6.3	U	6.3	22
Benzene		0.99	U	0.99	5.5
Bromobenzene		0.36	U	0.36	5.5
Bromoform		0.26	U	0.26	5.5
Bromomethane		0.46	U	0.46	5.5
Carbon disulfide		0.65	U	0.65	5.5
Carbon tetrachloride		0.71	U	0.71	5.5
Chlorobenzene		0.58	U	0.58	5.5
Dibromochloromethane		0.41	U	0.41	5.5
Chloroethane		0.48	U	0.48	5.5
Chloroform		0.39	U	0.39	5.5
Chloromethane		0.87	U	0.87	5.5
cis-1,2-Dichloroethene		0.31	U	0.31	5.5
cis-1,3-Dichloropropene		0.78	U	0.78	5.5
Dibromomethane		0.46	U	0.46	5.5
Bromochloromethane		0.36	U	0.36	5.5
Dichlorodifluoromethane		0.31	U	0.31	5.5
Bromodichloromethane		0.32	U	0.32	5.5
tert-Butyl alcohol (TBA)		6.3	U	6.3	220

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-2-14

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146337.D
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	11/10/2015 1505			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.35	U	0.35	5.5
Hexachlorobutadiene		0.44	U	0.44	5.5
Diisopropyl ether		0.65	U	0.65	11
Isopropylbenzene		0.22	U	0.22	5.5
Methyl tert-butyl ether		0.47	U	0.47	5.5
Methylene Chloride		0.81	U	0.81	5.5
m-Xylene & p-Xylene		0.46	U	0.46	11
Naphthalene		0.38	U	0.38	5.5
n-Butylbenzene		0.65	U	0.65	5.5
N-Propylbenzene		0.66	U	0.66	5.5
o-Xylene		0.63	U	0.63	5.5
sec-Butylbenzene		1.0	U	1.0	5.5
Styrene		0.44	U	0.44	5.5
Tert-amyl methyl ether		0.47	U	0.47	5.5
Ethyl t-butyl ether		0.45	U	0.45	5.5
Tetrachloroethene		0.88	U	0.88	5.5
Toluene		0.30	U	0.30	5.5
trans-1,2-Dichloroethene		0.35	U	0.35	5.5
trans-1,3-Dichloropropene		0.32	U	0.32	5.5
Trichloroethene		0.42	U	0.42	5.5
Trichlorofluoromethane		0.32	U	0.32	5.5
Vinyl acetate		0.72	U	0.72	11
Vinyl chloride		0.33	U	0.33	5.5
Xylenes, Total		0.59	U	0.59	11
tert-Butylbenzene		0.74	U	0.74	5.5
1,2-Dibromoethane		0.58	U	0.58	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	96		67 - 125
Dibromofluoromethane (Surr)	95		37 - 132
4-Bromofluorobenzene (Surr)	85		52 - 136
1,2-Dichloroethane-d4 (Surr)	99		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146338.D
Dilution:	1.0			Initial Weight/Volume:	5.23 g
Analysis Date:	11/10/2015 1526			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.76	U	0.76	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.40	U	0.40	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.91	U	0.91	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.2	U	3.2	12
1,2-Dichlorobenzene		0.40	U	0.40	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.33	U	0.33	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		3.9	J B	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.48	U	0.48	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		6.6	U	6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.69	U	0.69	5.8
Carbon tetrachloride		0.76	U	0.76	5.8
Chlorobenzene		0.62	U	0.62	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.33	U	0.33	5.8
cis-1,3-Dichloropropene		0.83	U	0.83	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.33	U	0.33	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146338.D
Dilution:	1.0			Initial Weight/Volume:	5.23 g
Analysis Date:	11/10/2015 1526			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.69	U	0.69	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.41	U	0.41	5.8
n-Butylbenzene		0.69	U	0.69	5.8
N-Propylbenzene		0.70	U	0.70	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.48	U	0.48	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.31	U	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.77	U	0.77	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.63	U	0.63	12
tert-Butylbenzene		0.78	U	0.78	5.8
1,2-Dibromoethane		0.62	U	0.62	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	93		67 - 125
Dibromofluoromethane (Surr)	90		37 - 132
4-Bromofluorobenzene (Surr)	86		52 - 136
1,2-Dichloroethane-d4 (Surr)	90		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146339.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	11/10/2015 1548			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.55	U	0.55	5.5
1,1,1-Trichloroethane		0.71	U	0.71	5.5
1,1,2,2-Tetrachloroethane		0.34	U	0.34	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane		0.46	U	0.46	5.5
1,1-Dichloroethane		0.37	U	0.37	5.5
1,1-Dichloroethene		0.87	U	0.87	5.5
1,1-Dichloropropene		0.40	U	0.40	5.5
1,2,3-Trichlorobenzene		0.55	U	0.55	5.5
1,2,3-Trichloropropane		0.85	U	0.85	5.5
1,2,3-Trimethylbenzene		0.50	U	0.50	5.5
1,2,4-Trichlorobenzene		0.41	U	0.41	5.5
1,2,4-Trimethylbenzene		0.63	U	0.63	5.5
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.37	U	0.37	5.5
1,2-Dichloroethane		0.50	U	0.50	5.5
1,2-Dichloropropane		0.15	U	0.15	5.5
1,3-Dichlorobenzene		0.75	U	0.75	5.5
1,3-Dichloropropane		0.44	U	0.44	5.5
1,4-Dichlorobenzene		0.31	U	0.31	5.5
2,2-Dichloropropane		0.48	U	0.48	5.5
2-Butanone (MEK)		4.0	J B	1.2	22
2-Chloroethyl vinyl ether		0.70	U	0.70	55
2-Chlorotoluene		0.33	U	0.33	5.5
2-Hexanone		0.74	U	0.74	22
4-Chlorotoluene		0.28	U	0.28	5.5
p-Isopropyltoluene		0.45	U	0.45	5.5
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	22
Acetone		6.2	U	6.2	22
Benzene		0.98	U	0.98	5.5
Bromobenzene		0.36	U	0.36	5.5
Bromoform		0.26	U	0.26	5.5
Bromomethane		0.46	U	0.46	5.5
Carbon disulfide		0.64	U	0.64	5.5
Carbon tetrachloride		0.71	U	0.71	5.5
Chlorobenzene		0.58	U	0.58	5.5
Dibromochloromethane		0.40	U	0.40	5.5
Chloroethane		0.48	U	0.48	5.5
Chloroform		0.39	U	0.39	5.5
Chloromethane		0.86	U	0.86	5.5
cis-1,2-Dichloroethene		0.31	U	0.31	5.5
cis-1,3-Dichloropropene		0.77	U	0.77	5.5
Dibromomethane		0.46	U	0.46	5.5
Bromochloromethane		0.36	U	0.36	5.5
Dichlorodifluoromethane		0.31	U	0.31	5.5
Bromodichloromethane		0.32	U	0.32	5.5
tert-Butyl alcohol (TBA)		6.2	U	6.2	220

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146339.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	11/10/2015 1548			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.35	U	0.35	5.5
Hexachlorobutadiene		0.44	U	0.44	5.5
Diisopropyl ether		0.64	U	0.64	11
Isopropylbenzene		0.22	U	0.22	5.5
Methyl tert-butyl ether		0.47	U	0.47	5.5
Methylene Chloride		0.81	U	0.81	5.5
m-Xylene & p-Xylene		0.46	U	0.46	11
Naphthalene		0.38	U	0.38	5.5
n-Butylbenzene		0.64	U	0.64	5.5
N-Propylbenzene		0.65	U	0.65	5.5
o-Xylene		0.62	U	0.62	5.5
sec-Butylbenzene		0.99	U	0.99	5.5
Styrene		0.44	U	0.44	5.5
Tert-amyl methyl ether		0.47	U	0.47	5.5
Ethyl t-butyl ether		0.45	U	0.45	5.5
Tetrachloroethene		0.87	U	0.87	5.5
Toluene		0.29	U	0.29	5.5
trans-1,2-Dichloroethene		0.35	U	0.35	5.5
trans-1,3-Dichloropropene		0.32	U	0.32	5.5
Trichloroethene		0.41	U	0.41	5.5
Trichlorofluoromethane		0.32	U	0.32	5.5
Vinyl acetate		0.72	U	0.72	11
Vinyl chloride		0.33	U	0.33	5.5
Xylenes, Total		0.59	U	0.59	11
tert-Butylbenzene		0.73	U	0.73	5.5
1,2-Dibromoethane		0.58	U	0.58	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	93		67 - 125
Dibromofluoromethane (Surr)	94		37 - 132
4-Bromofluorobenzene (Surr)	83		52 - 136
1,2-Dichloroethane-d4 (Surr)	102		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146340.D
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	11/10/2015 1609			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.75	U	0.75	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.90	U	0.90	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U F2	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.32	U	0.32	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.3	J B	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.47	U F2	0.47	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U F1	1.4	23
Acetone		13	J	6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.68	U	0.68	5.8
Carbon tetrachloride		0.75	U	0.75	5.8
Chlorobenzene		0.61	U	0.61	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.32	U	0.32	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.32	U	0.32	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146340.D
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	11/10/2015 1609			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U F2	0.46	5.8
Diisopropyl ether		0.68	U	0.68	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.41	J	0.41	5.8
n-Butylbenzene		0.68	U F2	0.68	5.8
N-Propylbenzene		0.70	U	0.70	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.1	U F2	1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.47	U	0.47	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.31	U	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.76	U F1	0.76	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.63	U	0.63	12
tert-Butylbenzene		0.78	U	0.78	5.8
1,2-Dibromoethane		0.61	U	0.61	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	100		67 - 125
Dibromofluoromethane (Surr)	101		37 - 132
4-Bromofluorobenzene (Surr)	87		52 - 136
1,2-Dichloroethane-d4 (Surr)	104		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146343.D
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	11/10/2015 1713			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.75	U	0.75	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.90	U	0.90	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.32	U	0.32	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		3.8	J B	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.47	U	0.47	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		6.6	U	6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.68	U	0.68	5.8
Carbon tetrachloride		0.75	U	0.75	5.8
Chlorobenzene		0.61	U	0.61	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.91	U	0.91	5.8
cis-1,2-Dichloroethene		0.32	U	0.32	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.32	U	0.32	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146343.D
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	11/10/2015 1713			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.68	U	0.68	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.45	J	0.40	5.8
n-Butylbenzene		0.68	U	0.68	5.8
N-Propylbenzene		0.69	U	0.69	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.47	U	0.47	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.31	U	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.76	U	0.76	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.62	U	0.62	12
tert-Butylbenzene		0.77	U	0.77	5.8
1,2-Dibromoethane		0.61	U	0.61	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	88		67 - 125
Dibromofluoromethane (Surr)	89		37 - 132
4-Bromofluorobenzene (Surr)	81		52 - 136
1,2-Dichloroethane-d4 (Surr)	93		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146344.D
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	11/10/2015 1735			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.56	U	0.56	5.6
1,1,1-Trichloroethane		0.73	U	0.73	5.6
1,1,2,2-Tetrachloroethane		0.35	U	0.35	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane		0.47	U	0.47	5.6
1,1-Dichloroethane		0.38	U	0.38	5.6
1,1-Dichloroethene		0.90	U	0.90	5.6
1,1-Dichloropropene		0.42	U	0.42	5.6
1,2,3-Trichlorobenzene		0.56	U	0.56	5.6
1,2,3-Trichloropropane		0.88	U	0.88	5.6
1,2,3-Trimethylbenzene		0.52	U	0.52	5.6
1,2,4-Trichlorobenzene		0.43	U	0.43	5.6
1,2,4-Trimethylbenzene		0.65	U	0.65	5.6
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.38	U	0.38	5.6
1,2-Dichloroethane		0.52	U	0.52	5.6
1,2-Dichloropropane		0.16	U	0.16	5.6
1,3-Dichlorobenzene		0.78	U	0.78	5.6
1,3-Dichloropropane		0.45	U	0.45	5.6
1,4-Dichlorobenzene		0.31	U	0.31	5.6
2,2-Dichloropropane		0.49	U	0.49	5.6
2-Butanone (MEK)		4.1	J B	1.3	22
2-Chloroethyl vinyl ether		0.72	U	0.72	56
2-Chlorotoluene		0.34	U	0.34	5.6
2-Hexanone		0.76	U	0.76	22
4-Chlorotoluene		0.29	U	0.29	5.6
p-Isopropyltoluene		0.46	U	0.46	5.6
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	22
Acetone		6.4	U	6.4	22
Benzene		1.0	U	1.0	5.6
Bromobenzene		0.37	U	0.37	5.6
Bromoform		0.27	U	0.27	5.6
Bromomethane		0.47	U	0.47	5.6
Carbon disulfide		0.66	U	0.66	5.6
Carbon tetrachloride		0.73	U	0.73	5.6
Chlorobenzene		0.60	U	0.60	5.6
Dibromochloromethane		0.42	U	0.42	5.6
Chloroethane		0.49	U	0.49	5.6
Chloroform		0.40	U	0.40	5.6
Chloromethane		0.89	U	0.89	5.6
cis-1,2-Dichloroethene		0.31	U	0.31	5.6
cis-1,3-Dichloropropene		0.80	U	0.80	5.6
Dibromomethane		0.47	U	0.47	5.6
Bromochloromethane		0.37	U	0.37	5.6
Dichlorodifluoromethane		0.31	U	0.31	5.6
Bromodichloromethane		0.33	U	0.33	5.6
tert-Butyl alcohol (TBA)		6.4	U	6.4	220

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146344.D
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	11/10/2015 1735			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.36	U	0.36	5.6
Hexachlorobutadiene		0.45	U	0.45	5.6
Diisopropyl ether		0.66	U	0.66	11
Isopropylbenzene		0.22	U	0.22	5.6
Methyl tert-butyl ether		0.48	U	0.48	5.6
Methylene Chloride		0.83	U	0.83	5.6
m-Xylene & p-Xylene		0.47	U	0.47	11
Naphthalene		0.39	U	0.39	5.6
n-Butylbenzene		0.66	U	0.66	5.6
N-Propylbenzene		0.67	U	0.67	5.6
o-Xylene		0.64	U	0.64	5.6
sec-Butylbenzene		1.0	U	1.0	5.6
Styrene		0.45	U	0.45	5.6
Tert-amyl methyl ether		0.48	U	0.48	5.6
Ethyl t-butyl ether		0.46	U	0.46	5.6
Tetrachloroethene		0.90	U	0.90	5.6
Toluene		0.30	U	0.30	5.6
trans-1,2-Dichloroethene		0.36	U	0.36	5.6
trans-1,3-Dichloropropene		0.33	U	0.33	5.6
Trichloroethene		0.43	U	0.43	5.6
Trichlorofluoromethane		0.33	U	0.33	5.6
Vinyl acetate		0.74	U	0.74	11
Vinyl chloride		0.34	U	0.34	5.6
Xylenes, Total		0.61	U	0.61	11
tert-Butylbenzene		0.75	U	0.75	5.6
1,2-Dibromoethane		0.60	U	0.60	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		67 - 125
Dibromofluoromethane (Surr)	98		37 - 132
4-Bromofluorobenzene (Surr)	87		52 - 136
1,2-Dichloroethane-d4 (Surr)	103		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146345.D
Dilution:	1.0			Initial Weight/Volume:	5.29 g
Analysis Date:	11/10/2015 1756			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.75	U	0.75	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.48	U	0.48	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.92	U	0.92	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.90	U	0.90	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.32	U	0.32	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.3	J B	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.78	U	0.78	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.47	U	0.47	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		6.6	U	6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.48	U	0.48	5.8
Carbon disulfide		0.68	U	0.68	5.8
Carbon tetrachloride		0.75	U	0.75	5.8
Chlorobenzene		0.61	U	0.61	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.41	U	0.41	5.8
Chloromethane		0.91	U	0.91	5.8
cis-1,2-Dichloroethene		0.32	U	0.32	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.48	U	0.48	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.32	U	0.32	5.8
Bromodichloromethane		0.33	U	0.33	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146345.D
Dilution:	1.0			Initial Weight/Volume:	5.29 g
Analysis Date:	11/10/2015 1756			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.68	U	0.68	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.85	U	0.85	5.8
m-Xylene & p-Xylene		0.48	U	0.48	12
Naphthalene		0.40	U	0.40	5.8
n-Butylbenzene		0.68	U	0.68	5.8
N-Propylbenzene		0.69	U	0.69	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.0	U	1.0	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.47	U	0.47	5.8
Tetrachloroethene		0.92	U	0.92	5.8
Toluene		0.33	J	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.33	U	0.33	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.33	U	0.33	5.8
Vinyl acetate		0.76	U	0.76	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.62	U	0.62	12
tert-Butylbenzene		0.77	U	0.77	5.8
1,2-Dibromoethane		0.61	U	0.61	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		67 - 125
Dibromofluoromethane (Surr)	93		37 - 132
4-Bromofluorobenzene (Surr)	85		52 - 136
1,2-Dichloroethane-d4 (Surr)	93		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-9-14

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146346.D
Dilution:	1.0			Initial Weight/Volume:	5.35 g
Analysis Date:	11/10/2015 1818			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.75	U	0.75	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.92	U	0.92	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.90	U	0.90	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.32	U	0.32	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.4	J B	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.47	U	0.47	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		12	J	6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.68	U	0.68	5.8
Carbon tetrachloride		0.75	U	0.75	5.8
Chlorobenzene		0.61	U	0.61	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.91	U	0.91	5.8
cis-1,2-Dichloroethene		0.32	U	0.32	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.32	U	0.32	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146346.D
Dilution:	1.0			Initial Weight/Volume:	5.35 g
Analysis Date:	11/10/2015 1818			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.68	U	0.68	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.85	U	0.85	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.40	U	0.40	5.8
n-Butylbenzene		0.68	U	0.68	5.8
N-Propylbenzene		0.69	U	0.69	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.47	U	0.47	5.8
Tetrachloroethene		0.92	U	0.92	5.8
Toluene		0.36	J	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.76	U	0.76	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.62	U	0.62	12
tert-Butylbenzene		0.77	U	0.77	5.8
1,2-Dibromoethane		0.61	U	0.61	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	89		67 - 125
Dibromofluoromethane (Surr)	88		37 - 132
4-Bromofluorobenzene (Surr)	82		52 - 136
1,2-Dichloroethane-d4 (Surr)	94		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146347.D
Dilution:	1.0			Initial Weight/Volume:	5.14 g
Analysis Date:	11/10/2015 1839			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.56	U	0.56	5.6
1,1,1-Trichloroethane		0.73	U	0.73	5.6
1,1,2,2-Tetrachloroethane		0.35	U	0.35	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane		0.47	U	0.47	5.6
1,1-Dichloroethane		0.38	U	0.38	5.6
1,1-Dichloroethene		0.90	U	0.90	5.6
1,1-Dichloropropene		0.42	U	0.42	5.6
1,2,3-Trichlorobenzene		0.56	U	0.56	5.6
1,2,3-Trichloropropane		0.88	U	0.88	5.6
1,2,3-Trimethylbenzene		0.52	U	0.52	5.6
1,2,4-Trichlorobenzene		0.43	U	0.43	5.6
1,2,4-Trimethylbenzene		0.65	U	0.65	5.6
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.38	U	0.38	5.6
1,2-Dichloroethane		0.52	U	0.52	5.6
1,2-Dichloropropane		0.16	U	0.16	5.6
1,3-Dichlorobenzene		0.78	U	0.78	5.6
1,3-Dichloropropane		0.45	U	0.45	5.6
1,4-Dichlorobenzene		0.31	U	0.31	5.6
2,2-Dichloropropane		0.49	U	0.49	5.6
2-Butanone (MEK)		3.5	J B	1.3	22
2-Chloroethyl vinyl ether		0.72	U	0.72	56
2-Chlorotoluene		0.34	U	0.34	5.6
2-Hexanone		0.76	U	0.76	22
4-Chlorotoluene		0.29	U	0.29	5.6
p-Isopropyltoluene		0.46	U	0.46	5.6
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	22
Acetone		6.4	U	6.4	22
Benzene		1.0	U	1.0	5.6
Bromobenzene		0.37	U	0.37	5.6
Bromoform		0.27	U	0.27	5.6
Bromomethane		0.47	U	0.47	5.6
Carbon disulfide		0.66	U	0.66	5.6
Carbon tetrachloride		0.73	U	0.73	5.6
Chlorobenzene		0.60	U	0.60	5.6
Dibromochloromethane		0.42	U	0.42	5.6
Chloroethane		0.49	U	0.49	5.6
Chloroform		0.40	U	0.40	5.6
Chloromethane		0.89	U	0.89	5.6
cis-1,2-Dichloroethene		0.31	U	0.31	5.6
cis-1,3-Dichloropropene		0.80	U	0.80	5.6
Dibromomethane		0.47	U	0.47	5.6
Bromochloromethane		0.37	U	0.37	5.6
Dichlorodifluoromethane		0.31	U	0.31	5.6
Bromodichloromethane		0.33	U	0.33	5.6
tert-Butyl alcohol (TBA)		6.4	U	6.4	220

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146347.D
Dilution:	1.0			Initial Weight/Volume:	5.14 g
Analysis Date:	11/10/2015 1839			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.36	U	0.36	5.6
Hexachlorobutadiene		0.45	U	0.45	5.6
Diisopropyl ether		0.66	U	0.66	11
Isopropylbenzene		0.22	U	0.22	5.6
Methyl tert-butyl ether		0.48	U	0.48	5.6
Methylene Chloride		0.83	U	0.83	5.6
m-Xylene & p-Xylene		0.47	U	0.47	11
Naphthalene		0.39	U	0.39	5.6
n-Butylbenzene		0.66	U	0.66	5.6
N-Propylbenzene		0.67	U	0.67	5.6
o-Xylene		0.64	U	0.64	5.6
sec-Butylbenzene		1.0	U	1.0	5.6
Styrene		0.45	U	0.45	5.6
Tert-amyl methyl ether		0.48	U	0.48	5.6
Ethyl t-butyl ether		0.46	U	0.46	5.6
Tetrachloroethene		0.90	U	0.90	5.6
Toluene		0.30	U	0.30	5.6
trans-1,2-Dichloroethene		0.36	U	0.36	5.6
trans-1,3-Dichloropropene		0.33	U	0.33	5.6
Trichloroethene		0.43	U	0.43	5.6
Trichlorofluoromethane		0.33	U	0.33	5.6
Vinyl acetate		0.74	U	0.74	11
Vinyl chloride		0.34	U	0.34	5.6
Xylenes, Total		0.61	U	0.61	11
tert-Butylbenzene		0.75	U	0.75	5.6
1,2-Dibromoethane		0.60	U	0.60	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	89		67 - 125
Dibromofluoromethane (Surr)	88		37 - 132
4-Bromofluorobenzene (Surr)	83		52 - 136
1,2-Dichloroethane-d4 (Surr)	93		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-11-14

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146348.D
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	11/10/2015 1901			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.60	U	0.60	6.0
1,1,1-Trichloroethane		0.77	U	0.77	6.0
1,1,2,2-Tetrachloroethane		0.37	U	0.37	6.0
1,1,2-Trichloro-1,2,2-trifluoroethane		0.50	U	0.50	6.0
1,1-Dichloroethane		0.40	U	0.40	6.0
1,1-Dichloroethene		0.95	U	0.95	6.0
1,1-Dichloropropene		0.44	U	0.44	6.0
1,2,3-Trichlorobenzene		0.60	U	0.60	6.0
1,2,3-Trichloropropane		0.93	U	0.93	6.0
1,2,3-Trimethylbenzene		0.55	U	0.55	6.0
1,2,4-Trichlorobenzene		0.45	U	0.45	6.0
1,2,4-Trimethylbenzene		0.69	U	0.69	6.0
1,2-Dibromo-3-Chloropropane		3.2	U	3.2	12
1,2-Dichlorobenzene		0.40	U	0.40	6.0
1,2-Dichloroethane		0.55	U	0.55	6.0
1,2-Dichloropropane		0.17	U	0.17	6.0
1,3-Dichlorobenzene		0.82	U	0.82	6.0
1,3-Dichloropropane		0.48	U	0.48	6.0
1,4-Dichlorobenzene		0.33	U	0.33	6.0
2,2-Dichloropropane		0.52	U	0.52	6.0
2-Butanone (MEK)		3.9	J B	1.3	24
2-Chloroethyl vinyl ether		0.76	U	0.76	60
2-Chlorotoluene		0.36	U	0.36	6.0
2-Hexanone		0.81	U	0.81	24
4-Chlorotoluene		0.31	U	0.31	6.0
p-Isopropyltoluene		0.49	U	0.49	6.0
4-Methyl-2-pentanone (MIBK)		1.5	U	1.5	24
Acetone		6.8	U	6.8	24
Benzene		1.1	U	1.1	6.0
Bromobenzene		0.39	U	0.39	6.0
Bromoform		0.29	U	0.29	6.0
Bromomethane		0.50	U	0.50	6.0
Carbon disulfide		0.70	U	0.70	6.0
Carbon tetrachloride		0.77	U	0.77	6.0
Chlorobenzene		0.63	U	0.63	6.0
Dibromochloromethane		0.44	U	0.44	6.0
Chloroethane		0.52	U	0.52	6.0
Chloroform		0.43	U	0.43	6.0
Chloromethane		0.94	U	0.94	6.0
cis-1,2-Dichloroethene		0.33	U	0.33	6.0
cis-1,3-Dichloropropene		0.85	U	0.85	6.0
Dibromomethane		0.50	U	0.50	6.0
Bromochloromethane		0.39	U	0.39	6.0
Dichlorodifluoromethane		0.33	U	0.33	6.0
Bromodichloromethane		0.35	U	0.35	6.0
tert-Butyl alcohol (TBA)		6.8	U	6.8	240

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146348.D
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	11/10/2015 1901			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.38	U	0.38	6.0
Hexachlorobutadiene		0.48	U	0.48	6.0
Diisopropyl ether		0.70	U	0.70	12
Isopropylbenzene		0.24	U	0.24	6.0
Methyl tert-butyl ether		0.51	U	0.51	6.0
Methylene Chloride		0.88	U	0.88	6.0
m-Xylene & p-Xylene		0.50	U	0.50	12
Naphthalene		0.42	U	0.42	6.0
n-Butylbenzene		0.70	U	0.70	6.0
N-Propylbenzene		0.71	U	0.71	6.0
o-Xylene		0.68	U	0.68	6.0
sec-Butylbenzene		1.1	U	1.1	6.0
Styrene		0.48	U	0.48	6.0
Tert-amyl methyl ether		0.51	U	0.51	6.0
Ethyl t-butyl ether		0.49	U	0.49	6.0
Tetrachloroethene		0.95	U	0.95	6.0
Toluene		0.32	U	0.32	6.0
trans-1,2-Dichloroethene		0.38	U	0.38	6.0
trans-1,3-Dichloropropene		0.35	U	0.35	6.0
Trichloroethene		0.45	U	0.45	6.0
Trichlorofluoromethane		0.35	U	0.35	6.0
Vinyl acetate		0.79	U	0.79	12
Vinyl chloride		0.36	U	0.36	6.0
Xylenes, Total		0.64	U	0.64	12
tert-Butylbenzene		0.80	U	0.80	6.0
1,2-Dibromoethane		0.63	U	0.63	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	90		67 - 125
Dibromofluoromethane (Surr)	87		37 - 132
4-Bromofluorobenzene (Surr)	81		52 - 136
1,2-Dichloroethane-d4 (Surr)	91		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-12-14

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146349.D
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	11/10/2015 1922			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.55	U	0.55	5.5
1,1,1-Trichloroethane		0.72	U	0.72	5.5
1,1,2,2-Tetrachloroethane		0.34	U	0.34	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane		0.46	U	0.46	5.5
1,1-Dichloroethane		0.38	U	0.38	5.5
1,1-Dichloroethene		0.89	U	0.89	5.5
1,1-Dichloropropene		0.41	U	0.41	5.5
1,2,3-Trichlorobenzene		0.55	U	0.55	5.5
1,2,3-Trichloropropane		0.86	U	0.86	5.5
1,2,3-Trimethylbenzene		0.51	U	0.51	5.5
1,2,4-Trichlorobenzene		0.42	U	0.42	5.5
1,2,4-Trimethylbenzene		0.64	U	0.64	5.5
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.38	U	0.38	5.5
1,2-Dichloroethane		0.51	U	0.51	5.5
1,2-Dichloropropane		0.15	U	0.15	5.5
1,3-Dichlorobenzene		0.76	U	0.76	5.5
1,3-Dichloropropane		0.44	U	0.44	5.5
1,4-Dichlorobenzene		0.31	U	0.31	5.5
2,2-Dichloropropane		0.49	U	0.49	5.5
2-Butanone (MEK)		3.7	J B	1.2	22
2-Chloroethyl vinyl ether		0.71	U	0.71	55
2-Chlorotoluene		0.33	U	0.33	5.5
2-Hexanone		0.75	U	0.75	22
4-Chlorotoluene		0.29	U	0.29	5.5
p-Isopropyltoluene		0.45	U	0.45	5.5
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	22
Acetone		6.3	U	6.3	22
Benzene		1.0	U	1.0	5.5
Bromobenzene		0.37	U	0.37	5.5
Bromoform		0.27	U	0.27	5.5
Bromomethane		0.46	U	0.46	5.5
Carbon disulfide		0.65	U	0.65	5.5
Carbon tetrachloride		0.72	U	0.72	5.5
Chlorobenzene		0.59	U	0.59	5.5
Dibromochloromethane		0.41	U	0.41	5.5
Chloroethane		0.49	U	0.49	5.5
Chloroform		0.40	U	0.40	5.5
Chloromethane		0.87	U	0.87	5.5
cis-1,2-Dichloroethene		0.31	U	0.31	5.5
cis-1,3-Dichloropropene		0.79	U	0.79	5.5
Dibromomethane		0.46	U	0.46	5.5
Bromochloromethane		0.37	U	0.37	5.5
Dichlorodifluoromethane		0.31	U	0.31	5.5
Bromodichloromethane		0.32	U	0.32	5.5
tert-Butyl alcohol (TBA)		6.3	U	6.3	220

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146349.D
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	11/10/2015 1922			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.35	U	0.35	5.5
Hexachlorobutadiene		0.44	U	0.44	5.5
Diisopropyl ether		0.65	U	0.65	11
Isopropylbenzene		0.22	U	0.22	5.5
Methyl tert-butyl ether		0.48	U	0.48	5.5
Methylene Chloride		0.82	U	0.82	5.5
m-Xylene & p-Xylene		0.46	U	0.46	11
Naphthalene		0.39	U	0.39	5.5
n-Butylbenzene		0.65	U	0.65	5.5
N-Propylbenzene		0.66	U	0.66	5.5
o-Xylene		0.63	U	0.63	5.5
sec-Butylbenzene		1.0	U	1.0	5.5
Styrene		0.44	U	0.44	5.5
Tert-amyl methyl ether		0.48	U	0.48	5.5
Ethyl t-butyl ether		0.45	U	0.45	5.5
Tetrachloroethene		0.89	U	0.89	5.5
Toluene		0.30	J	0.30	5.5
trans-1,2-Dichloroethene		0.35	U	0.35	5.5
trans-1,3-Dichloropropene		0.32	U	0.32	5.5
Trichloroethene		0.42	U	0.42	5.5
Trichlorofluoromethane		0.32	U	0.32	5.5
Vinyl acetate		0.73	U	0.73	11
Vinyl chloride		0.33	U	0.33	5.5
Xylenes, Total		0.60	U	0.60	11
tert-Butylbenzene		0.74	U	0.74	5.5
1,2-Dibromoethane		0.59	U	0.59	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	99		67 - 125
Dibromofluoromethane (Surr)	98		37 - 132
4-Bromofluorobenzene (Surr)	87		52 - 136
1,2-Dichloroethane-d4 (Surr)	103		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146350.D
Dilution:	1.0			Initial Weight/Volume:	5.67 g
Analysis Date:	11/10/2015 1944			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.52	U	0.52	5.2
1,1,1-Trichloroethane		0.67	U	0.67	5.2
1,1,2,2-Tetrachloroethane		0.32	U	0.32	5.2
1,1,2-Trichloro-1,2,2-trifluoroethane		0.43	U	0.43	5.2
1,1-Dichloroethane		0.35	U	0.35	5.2
1,1-Dichloroethene		0.83	U	0.83	5.2
1,1-Dichloropropene		0.38	U	0.38	5.2
1,2,3-Trichlorobenzene		0.52	U	0.52	5.2
1,2,3-Trichloropropane		0.81	U	0.81	5.2
1,2,3-Trimethylbenzene		0.48	U	0.48	5.2
1,2,4-Trichlorobenzene		0.39	U	0.39	5.2
1,2,4-Trimethylbenzene		0.60	U	0.60	5.2
1,2-Dibromo-3-Chloropropane		2.8	U	2.8	10
1,2-Dichlorobenzene		0.35	U	0.35	5.2
1,2-Dichloroethane		0.48	U	0.48	5.2
1,2-Dichloropropane		0.14	U	0.14	5.2
1,3-Dichlorobenzene		0.71	U	0.71	5.2
1,3-Dichloropropane		0.41	U	0.41	5.2
1,4-Dichlorobenzene		0.29	U	0.29	5.2
2,2-Dichloropropane		0.45	U	0.45	5.2
2-Butanone (MEK)		3.1	J B	1.2	21
2-Chloroethyl vinyl ether		0.66	U	0.66	52
2-Chlorotoluene		0.31	U	0.31	5.2
2-Hexanone		0.70	U	0.70	21
4-Chlorotoluene		0.27	U	0.27	5.2
p-Isopropyltoluene		0.42	U	0.42	5.2
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		5.9	U	5.9	21
Benzene		0.93	U	0.93	5.2
Bromobenzene		0.34	U	0.34	5.2
Bromoform		0.25	U	0.25	5.2
Bromomethane		0.43	U	0.43	5.2
Carbon disulfide		0.61	U	0.61	5.2
Carbon tetrachloride		0.67	U	0.67	5.2
Chlorobenzene		0.55	U	0.55	5.2
Dibromochloromethane		0.38	U	0.38	5.2
Chloroethane		0.45	U	0.45	5.2
Chloroform		0.37	U	0.37	5.2
Chloromethane		0.82	U	0.82	5.2
cis-1,2-Dichloroethene		0.29	U	0.29	5.2
cis-1,3-Dichloropropene		0.73	U	0.73	5.2
Dibromomethane		0.43	U	0.43	5.2
Bromochloromethane		0.34	U	0.34	5.2
Dichlorodifluoromethane		0.29	U	0.29	5.2
Bromodichloromethane		0.30	U	0.30	5.2
tert-Butyl alcohol (TBA)		5.9	U	5.9	210

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146350.D
Dilution:	1.0			Initial Weight/Volume:	5.67 g
Analysis Date:	11/10/2015 1944			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.33	U	0.33	5.2
Hexachlorobutadiene		0.41	U	0.41	5.2
Diisopropyl ether		0.61	U	0.61	10
Isopropylbenzene		0.21	U	0.21	5.2
Methyl tert-butyl ether		0.44	U	0.44	5.2
Methylene Chloride		0.76	U	0.76	5.2
m-Xylene & p-Xylene		0.43	U	0.43	10
Naphthalene		0.36	U	0.36	5.2
n-Butylbenzene		0.61	U	0.61	5.2
N-Propylbenzene		0.62	U	0.62	5.2
o-Xylene		0.59	U	0.59	5.2
sec-Butylbenzene		0.94	U	0.94	5.2
Styrene		0.41	U	0.41	5.2
Tert-amyl methyl ether		0.44	U	0.44	5.2
Ethyl t-butyl ether		0.42	U	0.42	5.2
Tetrachloroethene		0.83	U	0.83	5.2
Toluene		0.28	U	0.28	5.2
trans-1,2-Dichloroethene		0.33	U	0.33	5.2
trans-1,3-Dichloropropene		0.30	U	0.30	5.2
Trichloroethene		0.39	U	0.39	5.2
Trichlorofluoromethane		0.30	U	0.30	5.2
Vinyl acetate		0.68	U	0.68	10
Vinyl chloride		0.31	U	0.31	5.2
Xylenes, Total		0.56	U	0.56	10
tert-Butylbenzene		0.69	U	0.69	5.2
1,2-Dibromoethane		0.55	U	0.55	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	105		67 - 125
Dibromofluoromethane (Surr)	98		37 - 132
4-Bromofluorobenzene (Surr)	90		52 - 136
1,2-Dichloroethane-d4 (Surr)	100		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-14-14

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146351.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/10/2015 2005			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.53	U	0.53	5.3
1,1,1-Trichloroethane		0.68	U	0.68	5.3
1,1,2,2-Tetrachloroethane		0.33	U	0.33	5.3
1,1,2-Trichloro-1,2,2-trifluoroethane		0.44	U	0.44	5.3
1,1-Dichloroethane		0.36	U	0.36	5.3
1,1-Dichloroethene		0.84	U	0.84	5.3
1,1-Dichloropropene		0.39	U	0.39	5.3
1,2,3-Trichlorobenzene		0.53	U	0.53	5.3
1,2,3-Trichloropropane		0.82	U	0.82	5.3
1,2,3-Trimethylbenzene		0.48	U	0.48	5.3
1,2,4-Trichlorobenzene		0.40	U	0.40	5.3
1,2,4-Trimethylbenzene		0.61	U	0.61	5.3
1,2-Dibromo-3-Chloropropane		2.9	U	2.9	11
1,2-Dichlorobenzene		0.36	U	0.36	5.3
1,2-Dichloroethane		0.48	U	0.48	5.3
1,2-Dichloropropane		0.15	U	0.15	5.3
1,3-Dichlorobenzene		0.73	U	0.73	5.3
1,3-Dichloropropane		0.42	U	0.42	5.3
1,4-Dichlorobenzene		0.30	U	0.30	5.3
2,2-Dichloropropane		0.46	U	0.46	5.3
2-Butanone (MEK)		4.0	J B	1.2	21
2-Chloroethyl vinyl ether		0.67	U	0.67	53
2-Chlorotoluene		0.32	U	0.32	5.3
2-Hexanone		0.72	U	0.72	21
4-Chlorotoluene		0.27	U	0.27	5.3
p-Isopropyltoluene		0.43	U	0.43	5.3
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		6.0	U	6.0	21
Benzene		0.95	U	0.95	5.3
Bromobenzene		0.35	U	0.35	5.3
Bromoform		0.25	U	0.25	5.3
Bromomethane		0.44	U	0.44	5.3
Carbon disulfide		0.62	U	0.62	5.3
Carbon tetrachloride		0.68	U	0.68	5.3
Chlorobenzene		0.56	U	0.56	5.3
Dibromochloromethane		0.39	U	0.39	5.3
Chloroethane		0.46	U	0.46	5.3
Chloroform		0.38	U	0.38	5.3
Chloromethane		0.83	U	0.83	5.3
cis-1,2-Dichloroethene		0.30	U	0.30	5.3
cis-1,3-Dichloropropene		0.75	U	0.75	5.3
Dibromomethane		0.44	U	0.44	5.3
Bromochloromethane		0.35	U	0.35	5.3
Dichlorodifluoromethane		0.30	U	0.30	5.3
Bromodichloromethane		0.31	U	0.31	5.3
tert-Butyl alcohol (TBA)		6.0	U	6.0	210

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-14-14

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206089	Lab File ID:	146351.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/10/2015 2005			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.34	U	0.34	5.3
Hexachlorobutadiene		0.42	U	0.42	5.3
Diisopropyl ether		0.62	U	0.62	11
Isopropylbenzene		0.21	U	0.21	5.3
Methyl tert-butyl ether		0.45	U	0.45	5.3
Methylene Chloride		0.78	U	0.78	5.3
m-Xylene & p-Xylene		0.44	U	0.44	11
Naphthalene		0.37	U	0.37	5.3
n-Butylbenzene		0.62	U	0.62	5.3
N-Propylbenzene		0.63	U	0.63	5.3
o-Xylene		0.60	U	0.60	5.3
sec-Butylbenzene		0.96	U	0.96	5.3
Styrene		0.42	U	0.42	5.3
Tert-amyl methyl ether		0.45	U	0.45	5.3
Ethyl t-butyl ether		0.43	U	0.43	5.3
Tetrachloroethene		0.84	U	0.84	5.3
Toluene		0.29	J	0.28	5.3
trans-1,2-Dichloroethene		0.34	U	0.34	5.3
trans-1,3-Dichloropropene		0.31	U	0.31	5.3
Trichloroethene		0.40	U	0.40	5.3
Trichlorofluoromethane		0.31	U	0.31	5.3
Vinyl acetate		0.70	U	0.70	11
Vinyl chloride		0.32	U	0.32	5.3
Xylenes, Total		0.57	U	0.57	11
tert-Butylbenzene		0.71	U	0.71	5.3
1,2-Dibromoethane		0.56	U	0.56	5.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	87		67 - 125
Dibromofluoromethane (Surr)	89		37 - 132
4-Bromofluorobenzene (Surr)	78		52 - 136
1,2-Dichloroethane-d4 (Surr)	96		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206305	Lab File ID:	146365.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/11/2015 1309			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.53	U	0.53	5.3
1,1,1-Trichloroethane		0.68	U	0.68	5.3
1,1,2,2-Tetrachloroethane		0.33	U	0.33	5.3
1,1,2-Trichloro-1,2,2-trifluoroethane		0.44	U	0.44	5.3
1,1-Dichloroethane		0.36	U	0.36	5.3
1,1-Dichloroethene		0.84	U	0.84	5.3
1,1-Dichloropropene		0.39	U	0.39	5.3
1,2,3-Trichlorobenzene		0.53	U	0.53	5.3
1,2,3-Trichloropropane		0.82	U	0.82	5.3
1,2,3-Trimethylbenzene		0.48	U	0.48	5.3
1,2,4-Trichlorobenzene		0.40	U	0.40	5.3
1,2,4-Trimethylbenzene		0.61	U	0.61	5.3
1,2-Dibromo-3-Chloropropane		2.9	U	2.9	11
1,2-Dichlorobenzene		0.36	U	0.36	5.3
1,2-Dichloroethane		0.48	U	0.48	5.3
1,2-Dichloropropane		0.15	U	0.15	5.3
1,3-Dichlorobenzene		0.73	U	0.73	5.3
1,3-Dichloropropane		0.42	U	0.42	5.3
1,4-Dichlorobenzene		0.29	U	0.29	5.3
2,2-Dichloropropane		0.46	U	0.46	5.3
2-Butanone (MEK)		3.6	J B	1.2	21
2-Chloroethyl vinyl ether		0.67	U	0.67	53
2-Chlorotoluene		0.32	U	0.32	5.3
2-Hexanone		0.72	U	0.72	21
4-Chlorotoluene		0.27	U	0.27	5.3
p-Isopropyltoluene		0.43	U	0.43	5.3
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		6.0	U	6.0	21
Benzene		0.95	U	0.95	5.3
Bromobenzene		0.35	U	0.35	5.3
Bromoform		0.25	U	0.25	5.3
Bromomethane		0.44	U	0.44	5.3
Carbon disulfide		0.62	U	0.62	5.3
Carbon tetrachloride		0.68	U	0.68	5.3
Chlorobenzene		0.56	U	0.56	5.3
Dibromochloromethane		0.39	U	0.39	5.3
Chloroethane		0.46	U	0.46	5.3
Chloroform		0.38	U	0.38	5.3
Chloromethane		0.83	U	0.83	5.3
cis-1,2-Dichloroethene		0.29	U	0.29	5.3
cis-1,3-Dichloropropene		0.75	U	0.75	5.3
Dibromomethane		0.44	U	0.44	5.3
Bromochloromethane		0.35	U	0.35	5.3
Dichlorodifluoromethane		0.29	U	0.29	5.3
Bromodichloromethane		0.31	U	0.31	5.3
tert-Butyl alcohol (TBA)		6.0	U	6.0	210

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-206305	Lab File ID:	146365.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/11/2015 1309			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.34	U	0.34	5.3
Hexachlorobutadiene		0.42	U	0.42	5.3
Diisopropyl ether		0.62	U	0.62	11
Isopropylbenzene		0.21	U	0.21	5.3
Methyl tert-butyl ether		0.45	U	0.45	5.3
Methylene Chloride		0.78	U	0.78	5.3
m-Xylene & p-Xylene		0.44	U	0.44	11
Naphthalene		0.37	U	0.37	5.3
n-Butylbenzene		0.62	U	0.62	5.3
N-Propylbenzene		0.63	U	0.63	5.3
o-Xylene		0.60	U	0.60	5.3
sec-Butylbenzene		0.96	U	0.96	5.3
Styrene		0.42	U	0.42	5.3
Tert-amyl methyl ether		0.45	U	0.45	5.3
Ethyl t-butyl ether		0.43	U	0.43	5.3
Tetrachloroethene		0.84	U	0.84	5.3
Toluene		0.28	U	0.28	5.3
trans-1,2-Dichloroethene		0.34	U	0.34	5.3
trans-1,3-Dichloropropene		0.31	U	0.31	5.3
Trichloroethene		0.40	U	0.40	5.3
Trichlorofluoromethane		0.31	U	0.31	5.3
Vinyl acetate		0.70	U	0.70	11
Vinyl chloride		0.32	U	0.32	5.3
Xylenes, Total		0.57	U	0.57	11
tert-Butylbenzene		0.71	U	0.71	5.3
1,2-Dibromoethane		0.56	U	0.56	5.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	102		67 - 125
Dibromofluoromethane (Surr)	101		37 - 132
4-Bromofluorobenzene (Surr)	89		52 - 136
1,2-Dichloroethane-d4 (Surr)	102		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **TB-110515**

Lab Sample ID: 240-57597-16 Date Sampled: 11/05/2015 0000
Client Matrix: Water Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXC4397.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1233			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	0.53	U	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	0.94	U	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0
tert-Butyl alcohol (TBA)	4.9	U	4.9	50

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: TB-110515

Lab Sample ID: 240-57597-16 Date Sampled: 11/05/2015 0000
Client Matrix: Water Date Received: 11/06/2015 1020

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXC4397.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1233			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	0.33	U	0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	85		80 - 120
Dibromofluoromethane (Surr)	97		79 - 120
4-Bromofluorobenzene (Surr)	90		61 - 120
1,2-Dichloroethane-d4 (Surr)	99		78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111006.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	11/11/2015 1116			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.7	U	9.7	59
2-Methylnaphthalene		0.59	U	0.59	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.90	U	0.90	7.9
Acenaphthylene		0.42	U	0.42	7.9
Acetophenone		16	J	11	120
Anthracene		0.93	U	0.93	7.9
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.75	U	0.75	7.9
Benzo[a]pyrene		0.76	U	0.76	7.9
Benzo[b]fluoranthene		0.70	U	0.70	7.9
Benzo[g,h,i]perylene		0.42	U	0.42	7.9
Benzo[k]fluoranthene		0.81	U	0.81	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		31	J	23	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	59
Chrysene		1.3	U	1.3	7.9
Dibenz(a,h)anthracene		0.78	U	0.78	7.9
Dibenzofuran		0.78	U	0.78	59
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111006.D
Dilution:	1.0			Initial Weight/Volume:	29.99 g
Analysis Date:	11/11/2015 1116			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		0.65	U	0.65	7.9
Fluorene		0.63	U	0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.6	U	9.6	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	7.9
Isophorone		15	U	15	59
N-Nitrosodi-n-propylamine		7.5	U	7.5	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		0.97	U	0.97	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.87	U	0.87	7.9
Phenol		8.7	U	8.7	59
Pyrene		0.52	U	0.52	7.9
3 & 4 Methylphenol		24	U	24	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	76		36 - 110
Phenol-d5 (Surr)	65		26 - 110
Nitrobenzene-d5 (Surr)	62		20 - 110
2-Fluorophenol (Surr)	64		24 - 110
2-Fluorobiphenyl (Surr)	67		24 - 110
2,4,6-Tribromophenol (Surr)	44		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-2-14

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111007.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Analysis Date:	11/11/2015 1140			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		23	U	23	180
2,4-Dimethylphenol		23	U	23	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		25	U	25	230
2-Chloronaphthalene		0.53	U	0.53	58
2-Chlorophenol		9.6	U	9.6	58
2-Methylnaphthalene		0.58	U	0.58	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	390
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.91	U	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.74	U	0.74	7.8
Benzo[a]pyrene		0.75	U	0.75	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.80	U	0.80	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		22	U	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	390
Carbazole		32	U	32	58
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	58
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-2-14**

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111007.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Analysis Date:	11/11/2015 1140			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	82
Di-n-octyl phthalate		9.2	U	9.2	82
Fluoranthene		0.64	U	0.64	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.5	U	2.5	7.8
Hexachlorobutadiene		6.6	U	6.6	58
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	58
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.4	U	7.4	58
N-Nitrosodiphenylamine		25	U	25	58
Naphthalene		0.96	U	0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.85	U	0.85	7.8
Phenol		8.5	U	8.5	58
Pyrene		0.51	U	0.51	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	78		36 - 110
Phenol-d5 (Surr)	61		26 - 110
Nitrobenzene-d5 (Surr)	58		20 - 110
2-Fluorophenol (Surr)	61		24 - 110
2-Fluorobiphenyl (Surr)	63		24 - 110
2,4,6-Tribromophenol (Surr)	42		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111008.D
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Analysis Date:	11/11/2015 1205			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.3	U	4.3	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		26	U	26	400
2,4-Dinitrotoluene		21	U	21	240
2,6-Dinitrotoluene		26	U	26	240
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		10	U	10	61
2-Methylnaphthalene		0.61	U	0.61	8.1
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		26	U	26	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		32	U	32	240
4-Nitrophenol		21	U	21	400
Acenaphthene		0.92	U	0.92	8.1
Acenaphthylene		0.43	U	0.43	8.1
Acetophenone		11	U	11	120
Anthracene		0.95	U	0.95	8.1
Atrazine		11	U	11	240
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.77	U	0.77	8.1
Benzo[a]pyrene		0.78	U	0.78	8.1
Benzo[b]fluoranthene		0.72	U	0.72	8.1
Benzo[g,h,i]perylene		0.43	U	0.43	8.1
Benzo[k]fluoranthene		0.83	U	0.83	8.1
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		23	U	23	85
Butyl benzyl phthalate		12	U	12	85
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.1
Dibenz(a,h)anthracene		0.80	U	0.80	8.1
Dibenzofuran		0.80	U	0.80	61
Diethyl phthalate		19	U	19	85
Dimethyl phthalate		21	U	21	85

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111008.D
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Analysis Date:	11/11/2015 1205			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	85
Di-n-octyl phthalate		9.6	U	9.6	85
Fluoranthene		0.67	U	0.67	8.1
Fluorene		0.64	U	0.64	8.1
Hexachlorobenzene		2.6	U	2.6	8.1
Hexachlorobutadiene		6.8	U	6.8	61
Hexachlorocyclopentadiene		9.8	U	9.8	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.43	U	0.43	8.1
Isophorone		16	U	16	61
N-Nitrosodi-n-propylamine		7.7	U	7.7	61
N-Nitrosodiphenylamine		26	U	26	61
Naphthalene		1.0	U	1.0	8.1
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.89	U	0.89	8.1
Phenol		8.9	U	8.9	61
Pyrene		0.53	U	0.53	8.1
3 & 4 Methylphenol		24	U	24	490

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	73		36 - 110
Phenol-d5 (Surr)	60		26 - 110
Nitrobenzene-d5 (Surr)	58		20 - 110
2-Fluorophenol (Surr)	61		24 - 110
2-Fluorobiphenyl (Surr)	63		24 - 110
2,4,6-Tribromophenol (Surr)	41		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111009.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	11/11/2015 1230			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		0.60	U	0.60	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.91	U	0.91	7.9
Acenaphthylene		0.42	U	0.42	7.9
Acetophenone		13	J	11	120
Anthracene		0.93	U	0.93	7.9
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.75	U	0.75	7.9
Benzo[a]pyrene		0.76	U	0.76	7.9
Benzo[b]fluoranthene		0.70	U	0.70	7.9
Benzo[g,h,i]perylene		0.42	U	0.42	7.9
Benzo[k]fluoranthene		0.81	U	0.81	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		33	J	23	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		1.3	U	1.3	7.9
Dibenz(a,h)anthracene		0.79	U	0.79	7.9
Dibenzofuran		0.79	U	0.79	60
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111009.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	11/11/2015 1230			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		0.66	U	0.66	7.9
Fluorene		0.63	U	0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	7.9
Isophorone		15	U	15	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		0.98	U	0.98	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.87	U	0.87	7.9
Phenol		8.7	U	8.7	60
Pyrene		0.52	U	0.52	7.9
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	85		36 - 110
Phenol-d5 (Surr)	72		26 - 110
Nitrobenzene-d5 (Surr)	69		20 - 110
2-Fluorophenol (Surr)	72		24 - 110
2-Fluorobiphenyl (Surr)	72		24 - 110
2,4,6-Tribromophenol (Surr)	42		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111010.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	11/11/2015 1254			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		23	U	23	180
2,4-Dimethylphenol		23	U	23	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		25	U	25	230
2-Chloronaphthalene		0.53	U	0.53	58
2-Chlorophenol		9.6	U	9.6	58
2-Methylnaphthalene		0.58	U	0.58	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	390
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.91	U	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.74	U	0.74	7.8
Benzo[a]pyrene		0.75	U	0.75	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.79	U	0.79	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		38	J	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	390
Carbazole		32	U	32	58
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	58
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111010.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	11/11/2015 1254			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	82
Di-n-octyl phthalate		9.2	U	9.2	82
Fluoranthene		0.64	U	0.64	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.5	U	2.5	7.8
Hexachlorobutadiene		6.5	U	6.5	58
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	58
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.4	U	7.4	58
N-Nitrosodiphenylamine		25	U	25	58
Naphthalene		0.96	U	0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.85	U	0.85	7.8
Phenol		8.5	U	8.5	58
Pyrene		0.51	U	0.51	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	77		36 - 110
Phenol-d5 (Surr)	67		26 - 110
Nitrobenzene-d5 (Surr)	64		20 - 110
2-Fluorophenol (Surr)	68		24 - 110
2-Fluorobiphenyl (Surr)	69		24 - 110
2,4,6-Tribromophenol (Surr)	25		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111011.D
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Analysis Date:	11/11/2015 1319			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		0.60	U	0.60	8.0
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.91	U	0.91	8.0
Acenaphthylene		0.42	U	0.42	8.0
Acetophenone		11	U	11	120
Anthracene		0.93	U	0.93	8.0
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.75	U	0.75	8.0
Benzo[a]pyrene		0.76	U	0.76	8.0
Benzo[b]fluoranthene		0.70	U	0.70	8.0
Benzo[g,h,i]perylene		0.42	U	0.42	8.0
Benzo[k]fluoranthene		0.81	U	0.81	8.0
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		32	J	23	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		1.3	U	1.3	8.0
Dibenz(a,h)anthracene		0.79	U	0.79	8.0
Dibenzofuran		0.79	U	0.79	60
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-6-14

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111011.D
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Analysis Date:	11/11/2015 1319			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		0.66	U	0.66	8.0
Fluorene		0.63	U	0.63	8.0
Hexachlorobenzene		2.5	U	2.5	8.0
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.0
Isophorone		15	U	15	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		0.98	U	0.98	8.0
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.87	U	0.87	8.0
Phenol		8.7	U	8.7	60
Pyrene		0.52	U	0.52	8.0
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	79		36 - 110
Phenol-d5 (Surr)	60		26 - 110
Nitrobenzene-d5 (Surr)	62		20 - 110
2-Fluorophenol (Surr)	62		24 - 110
2-Fluorobiphenyl (Surr)	68		24 - 110
2,4,6-Tribromophenol (Surr)	33		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-7-14

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111012.D
Dilution:	1.0			Initial Weight/Volume:	29.53 g
Analysis Date:	11/11/2015 1344			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	400
2,4-Dinitrotoluene		21	U	21	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		9.9	U	9.9	61
2-Methylnaphthalene		0.61	U	0.61	8.1
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		32	U	32	240
4-Nitrophenol		21	U	21	400
Acenaphthene		0.92	U	0.92	8.1
Acenaphthylene		0.42	U	0.42	8.1
Acetophenone		11	U	11	120
Anthracene		0.95	U	0.95	8.1
Atrazine		11	U	11	240
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.76	U	0.76	8.1
Benzo[a]pyrene		0.78	U	0.78	8.1
Benzo[b]fluoranthene		0.72	U	0.72	8.1
Benzo[g,h,i]perylene		0.42	U	0.42	8.1
Benzo[k]fluoranthene		0.82	U	0.82	8.1
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		32	J	23	85
Butyl benzyl phthalate		12	U	12	85
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.1
Dibenz(a,h)anthracene		0.80	U	0.80	8.1
Dibenzofuran		0.80	U	0.80	61
Diethyl phthalate		19	U	19	85
Dimethyl phthalate		21	U	21	85

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111012.D
Dilution:	1.0			Initial Weight/Volume:	29.53 g
Analysis Date:	11/11/2015 1344			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	85
Di-n-octyl phthalate		9.6	U	9.6	85
Fluoranthene		0.67	U	0.67	8.1
Fluorene		0.64	U	0.64	8.1
Hexachlorobenzene		2.5	U	2.5	8.1
Hexachlorobutadiene		6.8	U	6.8	61
Hexachlorocyclopentadiene		9.8	U	9.8	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.1
Isophorone		16	U	16	61
N-Nitrosodi-n-propylamine		7.6	U	7.6	61
N-Nitrosodiphenylamine		25	U	25	61
Naphthalene		0.99	U	0.99	8.1
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.89	U	0.89	8.1
Phenol		8.9	U	8.9	61
Pyrene		0.53	U	0.53	8.1
3 & 4 Methylphenol		24	U	24	490

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	80		36 - 110
Phenol-d5 (Surr)	64		26 - 110
Nitrobenzene-d5 (Surr)	62		20 - 110
2-Fluorophenol (Surr)	67		24 - 110
2-Fluorobiphenyl (Surr)	70		24 - 110
2,4,6-Tribromophenol (Surr)	38		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111013.D
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Analysis Date:	11/11/2015 1408			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	400
2,4-Dinitrotoluene		21	U	21	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		9.9	U	9.9	61
2-Methylnaphthalene		0.61	U	0.61	8.1
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		31	U	31	240
4-Nitrophenol		21	U	21	400
Acenaphthene		0.92	U	0.92	8.1
Acenaphthylene		0.42	U	0.42	8.1
Acetophenone		11	U	11	120
Anthracene		0.94	U	0.94	8.1
Atrazine		11	U	11	240
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.76	U	0.76	8.1
Benzo[a]pyrene		0.78	U	0.78	8.1
Benzo[b]fluoranthene		0.71	U	0.71	8.1
Benzo[g,h,i]perylene		0.42	U	0.42	8.1
Benzo[k]fluoranthene		0.82	U	0.82	8.1
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		23	U	23	85
Butyl benzyl phthalate		12	U	12	85
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.1
Dibenz(a,h)anthracene		0.80	U	0.80	8.1
Dibenzofuran		0.80	U	0.80	61
Diethyl phthalate		19	U	19	85
Dimethyl phthalate		21	U	21	85

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111013.D
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Analysis Date:	11/11/2015 1408			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	85
Di-n-octyl phthalate		9.6	U	9.6	85
Fluoranthene		0.67	U	0.67	8.1
Fluorene		0.64	U	0.64	8.1
Hexachlorobenzene		2.5	U	2.5	8.1
Hexachlorobutadiene		6.8	U	6.8	61
Hexachlorocyclopentadiene		9.8	U	9.8	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.1
Isophorone		16	U	16	61
N-Nitrosodi-n-propylamine		7.6	U	7.6	61
N-Nitrosodiphenylamine		25	U	25	61
Naphthalene		0.99	U	0.99	8.1
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.88	U	0.88	8.1
Phenol		8.8	U	8.8	61
Pyrene		0.53	U	0.53	8.1
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	70		36 - 110
Phenol-d5 (Surr)	54		26 - 110
Nitrobenzene-d5 (Surr)	52		20 - 110
2-Fluorophenol (Surr)	56		24 - 110
2-Fluorobiphenyl (Surr)	56		24 - 110
2,4,6-Tribromophenol (Surr)	32		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-9-14

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111014.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	11/11/2015 1433			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.4	U	4.4	62
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		31	U	31	190
2,4,6-Trichlorophenol		11	U	11	190
2,4-Dichlorophenol		25	U	25	190
2,4-Dimethylphenol		25	U	25	190
2,4-Dinitrophenol		26	U	26	410
2,4-Dinitrotoluene		21	U	21	250
2,6-Dinitrotoluene		26	U	26	250
2-Chloronaphthalene		0.56	U	0.56	62
2-Chlorophenol		10	U	10	62
2-Methylnaphthalene		0.62	U	0.62	8.3
2-Methylphenol		14	U	14	250
2-Nitroaniline		11	U	11	250
2-Nitrophenol		10	U	10	62
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		20	U	20	250
4,6-Dinitro-2-methylphenol		11	U	11	190
4-Bromophenyl phenyl ether		16	U	16	62
4-Chloro-3-methylphenol		26	U	26	190
4-Chloroaniline		21	U	21	190
4-Chlorophenyl phenyl ether		16	U	16	62
4-Nitroaniline		32	U	32	250
4-Nitrophenol		21	U	21	410
Acenaphthene		0.95	U	0.95	8.3
Acenaphthylene		0.44	U	0.44	8.3
Acetophenone		13	J	11	120
Anthracene		0.97	U	0.97	8.3
Atrazine		11	U	11	250
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.79	U	0.79	8.3
Benzo[a]pyrene		0.80	U	0.80	8.3
Benzo[b]fluoranthene		0.74	U	0.74	8.3
Benzo[g,h,i]perylene		0.44	U	0.44	8.3
Benzo[k]fluoranthene		0.85	U	0.85	8.3
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.5	U	2.5	120
Bis(2-ethylhexyl) phthalate		40	J	24	87
Butyl benzyl phthalate		12	U	12	87
Caprolactam		46	U	46	410
Carbazole		34	U	34	62
Chrysene		1.4	U	1.4	8.3
Dibenz(a,h)anthracene		0.82	U	0.82	8.3
Dibenzofuran		0.82	U	0.82	62
Diethyl phthalate		20	U	20	87
Dimethyl phthalate		21	U	21	87

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111014.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	11/11/2015 1433			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		19	U	19	87
Di-n-octyl phthalate		9.9	U	9.9	87
Fluoranthene		0.69	U	0.69	8.3
Fluorene		0.66	U	0.66	8.3
Hexachlorobenzene		2.6	U	2.6	8.3
Hexachlorobutadiene		7.0	U	7.0	62
Hexachlorocyclopentadiene		10	U	10	410
Hexachloroethane		11	U	11	62
Indeno[1,2,3-cd]pyrene		0.44	U	0.44	8.3
Isophorone		16	U	16	62
N-Nitrosodi-n-propylamine		7.9	U	7.9	62
N-Nitrosodiphenylamine		26	U	26	62
Naphthalene		1.0	U	1.0	8.3
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	190
Phenanthrene		0.91	U	0.91	8.3
Phenol		9.1	U	9.1	62
Pyrene		0.55	U	0.55	8.3
3 & 4 Methylphenol		25	U	25	500

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	87		36 - 110
Phenol-d5 (Surr)	68		26 - 110
Nitrobenzene-d5 (Surr)	68		20 - 110
2-Fluorophenol (Surr)	71		24 - 110
2-Fluorobiphenyl (Surr)	73		24 - 110
2,4,6-Tribromophenol (Surr)	45		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-10-14

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111015.D
Dilution:	1.0			Initial Weight/Volume:	29.78 g
Analysis Date:	11/11/2015 1457			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	170
2,4,6-Trichlorophenol		10	U	10	170
2,4-Dichlorophenol		23	U	23	170
2,4-Dimethylphenol		23	U	23	170
2,4-Dinitrophenol		24	U	24	380
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		24	U	24	230
2-Chloronaphthalene		0.52	U	0.52	58
2-Chlorophenol		9.5	U	9.5	58
2-Methylnaphthalene		0.58	U	0.58	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	170
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		24	U	24	170
4-Chloroaniline		20	U	20	170
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	380
Acenaphthene		0.88	U	0.88	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.91	U	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.73	U	0.73	7.8
Benzo[a]pyrene		0.74	U	0.74	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.79	U	0.79	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		29	J	22	81
Butyl benzyl phthalate		12	U	12	81
Caprolactam		43	U	43	380
Carbazole		31	U	31	58
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	58
Diethyl phthalate		19	U	19	81
Dimethyl phthalate		20	U	20	81

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-205786	Lab File ID:	51111015.D
Dilution:	1.0			Initial Weight/Volume:	29.78 g
Analysis Date:	11/11/2015 1457			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		17	U	17	81
Di-n-octyl phthalate		9.2	U	9.2	81
Fluoranthene		0.64	U	0.64	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.4	U	2.4	7.8
Hexachlorobutadiene		6.5	U	6.5	58
Hexachlorocyclopentadiene		9.4	U	9.4	380
Hexachloroethane		10	U	10	58
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.3	U	7.3	58
N-Nitrosodiphenylamine		24	U	24	58
Naphthalene		0.95	U	0.95	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	170
Phenanthrene		0.85	U	0.85	7.8
Phenol		8.5	U	8.5	58
Pyrene		0.51	U	0.51	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	78		36 - 110
Phenol-d5 (Surr)	61		26 - 110
Nitrobenzene-d5 (Surr)	60		20 - 110
2-Fluorophenol (Surr)	59		24 - 110
2-Fluorobiphenyl (Surr)	64		24 - 110
2,4,6-Tribromophenol (Surr)	40		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-11-14

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111019.D
Dilution:	1.0			Initial Weight/Volume:	29.86 g
Analysis Date:	11/11/2015 1450			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	400
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.9	U	9.9	60
2-Methylnaphthalene		0.60	U	0.60	8.0
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	60
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		16	U	16	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	400
Acenaphthene		0.91	U	0.91	8.0
Acenaphthylene		0.42	U	0.42	8.0
Acetophenone		38	J	11	120
Anthracene		0.94	U	0.94	8.0
Atrazine		11	U	11	240
Benzaldehyde		19	J	14	120
Benzo[a]anthracene		0.76	U	0.76	8.0
Benzo[a]pyrene		0.77	U	0.77	8.0
Benzo[b]fluoranthene		0.71	U	0.71	8.0
Benzo[g,h,i]perylene		0.42	U	0.42	8.0
Benzo[k]fluoranthene		0.82	U	0.82	8.0
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		23	U	23	84
Butyl benzyl phthalate		12	U	12	84
Caprolactam		45	U	45	400
Carbazole		32	U	32	60
Chrysene		1.3	U	1.3	8.0
Dibenz(a,h)anthracene		0.79	U	0.79	8.0
Dibenzofuran		0.79	U	0.79	60
Diethyl phthalate		19	U	19	84
Dimethyl phthalate		20	U	20	84

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111019.D
Dilution:	1.0			Initial Weight/Volume:	29.86 g
Analysis Date:	11/11/2015 1450			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	84
Di-n-octyl phthalate		9.5	U	9.5	84
Fluoranthene		0.66	U	0.66	8.0
Fluorene		0.64	U	0.64	8.0
Hexachlorobenzene		2.5	U	2.5	8.0
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	400
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.0
Isophorone		16	U	16	60
N-Nitrosodi-n-propylamine		7.6	U	7.6	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		0.99	U	0.99	8.0
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.88	U	0.88	8.0
Phenol		8.8	U	8.8	60
Pyrene		0.53	U	0.53	8.0
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	88		36 - 110
Phenol-d5 (Surr)	80		26 - 110
Nitrobenzene-d5 (Surr)	80		20 - 110
2-Fluorophenol (Surr)	78		24 - 110
2-Fluorobiphenyl (Surr)	73		24 - 110
2,4,6-Tribromophenol (Surr)	40		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-12-14

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111020.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	11/11/2015 1514			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		0.60	U	0.60	8.0
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		16	U	16	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.91	U	0.91	8.0
Acenaphthylene		0.42	U	0.42	8.0
Acetophenone		11	U	11	120
Anthracene		0.93	U	0.93	8.0
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.75	U	0.75	8.0
Benzo[a]pyrene		0.77	U	0.77	8.0
Benzo[b]fluoranthene		0.71	U	0.71	8.0
Benzo[g,h,i]perylene		0.42	U	0.42	8.0
Benzo[k]fluoranthene		0.81	U	0.81	8.0
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		23	U	23	84
Butyl benzyl phthalate		12	U	12	84
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		1.3	U	1.3	8.0
Dibenz(a,h)anthracene		0.79	U	0.79	8.0
Dibenzofuran		0.79	U	0.79	60
Diethyl phthalate		19	U	19	84
Dimethyl phthalate		20	U	20	84

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111020.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	11/11/2015 1514			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	84
Di-n-octyl phthalate		9.4	U	9.4	84
Fluoranthene		0.66	U	0.66	8.0
Fluorene		0.63	U	0.63	8.0
Hexachlorobenzene		2.5	U	2.5	8.0
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.0
Isophorone		16	U	16	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		0.98	U	0.98	8.0
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.87	U	0.87	8.0
Phenol		8.7	U	8.7	60
Pyrene		0.53	U	0.53	8.0
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	72		36 - 110
Phenol-d5 (Surr)	64		26 - 110
Nitrobenzene-d5 (Surr)	67		20 - 110
2-Fluorophenol (Surr)	67		24 - 110
2-Fluorobiphenyl (Surr)	63		24 - 110
2,4,6-Tribromophenol (Surr)	32		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-13-14

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111021.D
Dilution:	1.0			Initial Weight/Volume:	30.37 g
Analysis Date:	11/11/2015 1539			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	170
2,4,6-Trichlorophenol		10	U	10	170
2,4-Dichlorophenol		23	U	23	170
2,4-Dimethylphenol		23	U	23	170
2,4-Dinitrophenol		24	U	24	380
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		24	U	24	230
2-Chloronaphthalene		0.52	U	0.52	58
2-Chlorophenol		9.5	U	9.5	58
2-Methylnaphthalene		0.58	U	0.58	7.7
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.6	U	9.6	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	170
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		24	U	24	170
4-Chloroaniline		20	U	20	170
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	380
Acenaphthene		0.88	U	0.88	7.7
Acenaphthylene		0.41	U	0.41	7.7
Acetophenone		11	U	11	120
Anthracene		0.90	U	0.90	7.7
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.73	U	0.73	7.7
Benzo[a]pyrene		0.74	U	0.74	7.7
Benzo[b]fluoranthene		0.68	U	0.68	7.7
Benzo[g,h,i]perylene		0.41	U	0.41	7.7
Benzo[k]fluoranthene		0.79	U	0.79	7.7
Bis(2-chloroethoxy)methane		25	U	25	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		60	J	22	81
Butyl benzyl phthalate		12	U	12	81
Caprolactam		43	U	43	380
Carbazole		31	U	31	58
Chrysene		1.3	U	1.3	7.7
Dibenz(a,h)anthracene		0.76	U	0.76	7.7
Dibenzofuran		0.76	U	0.76	58
Diethyl phthalate		19	U	19	81
Dimethyl phthalate		20	U	20	81

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111021.D
Dilution:	1.0			Initial Weight/Volume:	30.37 g
Analysis Date:	11/11/2015 1539			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	J	17	81
Di-n-octyl phthalate		9.1	U	9.1	81
Fluoranthene		0.64	U	0.64	7.7
Fluorene		0.61	U	0.61	7.7
Hexachlorobenzene		2.4	U	2.4	7.7
Hexachlorobutadiene		6.5	U	6.5	58
Hexachlorocyclopentadiene		9.4	U	9.4	380
Hexachloroethane		10	U	10	58
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.7
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.3	U	7.3	58
N-Nitrosodiphenylamine		24	U	24	58
Naphthalene		0.95	U	0.95	7.7
Nitrobenzene		2.5	U	2.5	120
Pentachlorophenol		11	U	11	170
Phenanthrene		0.85	U	0.85	7.7
Phenol		8.5	U	8.5	58
Pyrene		0.51	U	0.51	7.7
3 & 4 Methylphenol		23	U	23	460

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	77		36 - 110
Phenol-d5 (Surr)	57		26 - 110
Nitrobenzene-d5 (Surr)	65		20 - 110
2-Fluorophenol (Surr)	65		24 - 110
2-Fluorobiphenyl (Surr)	59		24 - 110
2,4,6-Tribromophenol (Surr)	33		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-14-14

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111022.D
Dilution:	1.0			Initial Weight/Volume:	29.64 g
Analysis Date:	11/11/2015 1603			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.7	U	9.7	59
2-Methylnaphthalene		0.59	U	0.59	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.8	U	9.8	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.90	U	0.90	7.9
Acenaphthylene		0.41	U	0.41	7.9
Acetophenone		11	J	11	120
Anthracene		0.92	U	0.92	7.9
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.75	U	0.75	7.9
Benzo[a]pyrene		0.76	U	0.76	7.9
Benzo[b]fluoranthene		0.70	U	0.70	7.9
Benzo[g,h,i]perylene		0.41	U	0.41	7.9
Benzo[k]fluoranthene		0.80	U	0.80	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		22	U	22	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	59
Chrysene		1.3	U	1.3	7.9
Dibenz(a,h)anthracene		0.78	U	0.78	7.9
Dibenzofuran		0.78	U	0.78	59
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-14-14**

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111022.D
Dilution:	1.0			Initial Weight/Volume:	29.64 g
Analysis Date:	11/11/2015 1603			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		0.65	U	0.65	7.9
Fluorene		0.63	U	0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.6	U	9.6	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.9
Isophorone		15	U	15	59
N-Nitrosodi-n-propylamine		7.5	U	7.5	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		0.97	U	0.97	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.86	U	0.86	7.9
Phenol		8.6	U	8.6	59
Pyrene		0.52	U	0.52	7.9
3 & 4 Methylphenol		24	U	24	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	79		36 - 110
Phenol-d5 (Surr)	62		26 - 110
Nitrobenzene-d5 (Surr)	73		20 - 110
2-Fluorophenol (Surr)	70		24 - 110
2-Fluorobiphenyl (Surr)	68		24 - 110
2,4,6-Tribromophenol (Surr)	28		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111023.D
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Analysis Date:	11/11/2015 1628			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	170
2,4,6-Trichlorophenol		10	U	10	170
2,4-Dichlorophenol		23	U	23	170
2,4-Dimethylphenol		23	U	23	170
2,4-Dinitrophenol		24	U	24	380
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		24	U	24	230
2-Chloronaphthalene		0.52	U	0.52	58
2-Chlorophenol		9.6	U	9.6	58
2-Methylnaphthalene		0.58	U	0.58	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	170
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		24	U	24	170
4-Chloroaniline		20	U	20	170
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	380
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.91	U	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.73	U	0.73	7.8
Benzo[a]pyrene		0.75	U	0.75	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.79	U	0.79	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		22	J	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	380
Carbazole		31	U	31	58
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	58
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-205866	Lab File ID:	51111023.D
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Analysis Date:	11/11/2015 1628			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		17	U	17	82
Di-n-octyl phthalate		9.2	U	9.2	82
Fluoranthene		0.64	U	0.64	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.4	U	2.4	7.8
Hexachlorobutadiene		6.5	U	6.5	58
Hexachlorocyclopentadiene		9.4	U	9.4	380
Hexachloroethane		10	U	10	58
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.3	U	7.3	58
N-Nitrosodiphenylamine		24	U	24	58
Naphthalene		0.96	U	0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	170
Phenanthrene		0.85	U	0.85	7.8
Phenol		8.5	U	8.5	58
Pyrene		0.51	U	0.51	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	81		36 - 110
Phenol-d5 (Surr)	60		26 - 110
Nitrobenzene-d5 (Surr)	74		20 - 110
2-Fluorophenol (Surr)	71		24 - 110
2-Fluorobiphenyl (Surr)	68		24 - 110
2,4,6-Tribromophenol (Surr)	24		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-1-14

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1108			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-2-14**

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1145			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	79		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.99 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1223			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		56	U	56	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	77		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-4-14

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.99 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1300			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	71		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206404	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206444	Initial Weight/Volume:	4.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/12/2015 0917			Injection Volume:	5 mL
Prep Date:	11/12/2015 0559			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		77	J	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	71		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.01 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1413			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	76		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.97 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1450			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1527			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		56	U	56	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	73		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.00 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1719			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		57	U	57	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.02 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1757			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		53	U	53	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	79		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.03 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1834			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	79		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.04 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1912			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: F-VB-UST-13-14

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	4.99 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1948			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	75		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-14-14**

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.02 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2025			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	80		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206211	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-206227	Initial Weight/Volume:	5.00 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2103			Injection Volume:	5 mL
Prep Date:	11/11/2015 0658			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U F2	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	74		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.49 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2007			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		16	J B	7.5	19

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	62		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-2-14**

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.69 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2038			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		10	J B	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	62		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.32 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2110			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.7	U	7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	59		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.31 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2141			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.6	J B	7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	60		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.01 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2243			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.5	U	7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	56		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.79 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2314			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.7	U	7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	60		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.99 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2346			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		16	J B	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	65		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.45 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0017			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.7	U	7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	65		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.38 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0048			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.8	U	7.8	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	57		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.04 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0119			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		13	J B	7.4	19

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	64		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.60 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0150			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		9.0	J B	7.8	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	64		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.52 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1903			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		30	B	7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	73		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.73 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1934			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		13	J B	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	68		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-14-14**

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	30.43 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2006			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		11	J B	7.4	19

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	61		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-205788	Initial Weight/Volume:	29.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2037			Injection Volume:	1 uL
Prep Date:	11/09/2015 0940			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		8.2	J B	7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	65		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	29.54 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1328			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.6	U	9.6	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		13 - 134
DCB Decachlorobiphenyl	87		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-2-14**

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1345			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		23	U	23	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.4	U	9.4	39
Aroclor-1254		16	U	16	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		13 - 134
DCB Decachlorobiphenyl	100		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid % Moisture: 17.8 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.14 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1401			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.7	U	9.7	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		13 - 134
DCB Decachlorobiphenyl	95		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	29.54 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1417			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.6	U	9.6	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		13 - 134
DCB Decachlorobiphenyl	104		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.48 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1433			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		13 - 134
DCB Decachlorobiphenyl	91		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	29.87 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1450			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.6	U	9.6	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		13 - 134
DCB Decachlorobiphenyl	109		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1506			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		13 - 134
DCB Decachlorobiphenyl	98		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid % Moisture: 18.0 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	29.74 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1523			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	41
Aroclor-1221		20	U	20	41
Aroclor-1232		25	U	25	41
Aroclor-1242		14	U	14	41
Aroclor-1248		9.8	U	9.8	41
Aroclor-1254		17	U	17	41
Aroclor-1260		11	U	11	41

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		13 - 134
DCB Decachlorobiphenyl	90		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1539			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	41
Aroclor-1221		20	U	20	41
Aroclor-1232		25	U	25	41
Aroclor-1242		14	U	14	41
Aroclor-1248		9.9	U	9.9	41
Aroclor-1254		17	U	17	41
Aroclor-1260		11	U	11	41

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		13 - 134
DCB Decachlorobiphenyl	95		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid % Moisture: 13.4 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	29.97 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1555			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		13 - 134
DCB Decachlorobiphenyl	89		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid % Moisture: 16.5 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1612			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		13 - 134
DCB Decachlorobiphenyl	95		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.29 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1628			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.4	U	9.4	39
Aroclor-1254		16	U	16	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		13 - 134
DCB Decachlorobiphenyl	92		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid % Moisture: 14.7 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1644			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		13 - 134
DCB Decachlorobiphenyl	94		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-14-14**

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.19 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1701			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		13 - 134
DCB Decachlorobiphenyl	89		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/06/2015 1020

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-205809	Initial Weight/Volume:	30.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1806			Injection Volume:	1 uL
Prep Date:	11/09/2015 0953			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		18	U	18	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.2	U	9.2	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		13 - 134
DCB Decachlorobiphenyl	89		10 - 155

General Chemistry

Client Sample ID: **F-VB-UST-1-14**

Lab Sample ID: 240-57597-1 Date Sampled: 11/05/2015 0900
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-2-14**

Lab Sample ID: 240-57597-2 Date Sampled: 11/05/2015 0902
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-3-14**

Lab Sample ID: 240-57597-3 Date Sampled: 11/05/2015 0904
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-4-14**

Lab Sample ID: 240-57597-4 Date Sampled: 11/05/2015 0906
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-5-14**

Lab Sample ID: 240-57597-5 Date Sampled: 11/05/2015 0908
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-6-14**

Lab Sample ID: 240-57597-6 Date Sampled: 11/05/2015 0910
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-7-14**

Lab Sample ID: 240-57597-7 Date Sampled: 11/05/2015 0912
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-8-14**

Lab Sample ID: 240-57597-8 Date Sampled: 11/05/2015 0914
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-9-14**

Lab Sample ID: 240-57597-9 Date Sampled: 11/05/2015 0916
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-10-14**

Lab Sample ID: 240-57597-10 Date Sampled: 11/05/2015 0918
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-11-14**

Lab Sample ID: 240-57597-11 Date Sampled: 11/05/2015 0920
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-12-14**

Lab Sample ID: 240-57597-12 Date Sampled: 11/05/2015 0922
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-13-14**

Lab Sample ID: 240-57597-13 Date Sampled: 11/05/2015 0924
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-14-14**

Lab Sample ID: 240-57597-14 Date Sampled: 11/05/2015 0926
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-DUP**

Lab Sample ID: 240-57597-15 Date Sampled: 11/05/2015 0000
Client Matrix: Solid Date Received: 11/06/2015 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-205828	Analysis Date: 11/09/2015 1019						DryWt Corrected: N

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-57597-1	F-VB-UST-1-14	101	103	103	91
240-57597-2	F-VB-UST-2-14	95	99	96	85
240-57597-3	F-VB-UST-3-14	90	90	93	86
240-57597-4	F-VB-UST-4-14	94	102	93	83
240-57597-5	F-VB-UST-5-14	101	104	100	87
240-57597-6	F-VB-UST-6-14	89	93	88	81
240-57597-7	F-VB-UST-7-14	98	103	98	87
240-57597-8	F-VB-UST-8-14	93	93	97	85
240-57597-9	F-VB-UST-9-14	88	94	89	82
240-57597-10	F-VB-UST-10-14	88	93	89	83
240-57597-11	F-VB-UST-11-14	87	91	90	81
240-57597-12	F-VB-UST-12-14	98	103	99	87
240-57597-13	F-VB-UST-13-14	98	100	105	90
240-57597-14	F-VB-UST-14-14	89	96	87	78
240-57597-15	F-VB-UST-DUP	101	102	102	89
MB 240-206089/1-A		88	91	91	82
MB 240-206267/6		101	102	101	90
LCS 240-206051/5		95	92	94	87
LCS 240-206267/5		99	94	95	89
240-57597-5 MS	F-VB-UST-5-14 MS	97	92	99	95
240-57597-15 MS	F-VB-UST-DUP MS	97	97	97	88
240-57597-5 MSD	F-VB-UST-5-14 MSD	101	98	101	96
240-57597-15 MSD	F-VB-UST-DUP MSD	99	95	96	86

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-57597-16	TB-110515	97	99	85	90
MB 240-206461/6		99	95	88	97
LCS 240-206461/4		103	99	96	103
240-57564-B-1 MS		99	97	88	103
240-57564-B-1 MSD		101	98	90	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-57597-1	F-VB-UST-1-14	64	65	62	67	44	76
240-57597-2	F-VB-UST-2-14	61	61	58	63	42	78
240-57597-3	F-VB-UST-3-14	61	60	58	63	41	73
240-57597-4	F-VB-UST-4-14	72	72	69	72	42	85
240-57597-5	F-VB-UST-5-14	68	67	64	69	25	77
240-57597-6	F-VB-UST-6-14	62	60	62	68	33	79
240-57597-7	F-VB-UST-7-14	67	64	62	70	38	80
240-57597-8	F-VB-UST-8-14	56	54	52	56	32	70
240-57597-9	F-VB-UST-9-14	71	68	68	73	45	87
240-57597-10	F-VB-UST-10-14	59	61	60	64	40	78
240-57597-11	F-VB-UST-11-14	78	80	80	73	40	88
240-57597-12	F-VB-UST-12-14	67	64	67	63	32	72
240-57597-13	F-VB-UST-13-14	65	57	65	59	33	77
240-57597-14	F-VB-UST-14-14	70	62	73	68	28	79
240-57597-15	F-VB-UST-DUP	71	60	74	68	24	81
MB 240-205786/23-A		66	66	65	68	48	80
MB 240-205866/8-A		81	88	78	76	49	87
LCS 240-205786/24-A		79	79	79	81	44	93
LCS 240-205866/9-A		72	75	76	64	33	76
240-57597-15 MS	F-VB-UST-DUP MS	69	62	78	71	30	80
240-57597-15 MSD	F-VB-UST-DUP MSD	61	53	65	60	36	77

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-57597-1	F-VB-UST-1-14	78
240-57597-2	F-VB-UST-2-14	79
240-57597-3	F-VB-UST-3-14	77
240-57597-4	F-VB-UST-4-14	71
240-57597-5	F-VB-UST-5-14	71
240-57597-6	F-VB-UST-6-14	76
240-57597-7	F-VB-UST-7-14	78
240-57597-8	F-VB-UST-8-14	73
240-57597-9	F-VB-UST-9-14	78
240-57597-10	F-VB-UST-10-14	79
240-57597-11	F-VB-UST-11-14	79
240-57597-12	F-VB-UST-12-14	78
240-57597-13	F-VB-UST-13-14	75
240-57597-14	F-VB-UST-14-14	80
240-57597-15	F-VB-UST-DUP	74
MB 240-206227/1-A		73
MB 240-206444/1-A		72
LCS 240-206227/2-A		95
LCS 240-206444/2-A		100
240-57597-15 MS	F-VB-UST-DUP MS	99
240-57597-15 MSD	F-VB-UST-DUP MSD	40

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	40-139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-57597-1	F-VB-UST-1-14	62
240-57597-2	F-VB-UST-2-14	62
240-57597-3	F-VB-UST-3-14	59
240-57597-4	F-VB-UST-4-14	60
240-57597-5	F-VB-UST-5-14	56
240-57597-6	F-VB-UST-6-14	60
240-57597-7	F-VB-UST-7-14	65
240-57597-8	F-VB-UST-8-14	65
240-57597-9	F-VB-UST-9-14	57
240-57597-10	F-VB-UST-10-14	64
240-57597-11	F-VB-UST-11-14	64
240-57597-12	F-VB-UST-12-14	73
240-57597-13	F-VB-UST-13-14	68
240-57597-14	F-VB-UST-14-14	61
240-57597-15	F-VB-UST-DUP	65
MB 240-205788/22-A		56
LCS 240-205788/23-A		67
240-57597-15 MS	F-VB-UST-DUP MS	81
240-57597-15 MSD	F-VB-UST-DUP MSD	73

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	DCB1 %Rec
240-57597-1	F-VB-UST-1-14	78	87
240-57597-2	F-VB-UST-2-14	84	100
240-57597-3	F-VB-UST-3-14	68	95
240-57597-4	F-VB-UST-4-14	75	104
240-57597-5	F-VB-UST-5-14	73	91
240-57597-6	F-VB-UST-6-14	76	109
240-57597-7	F-VB-UST-7-14	76	98
240-57597-8	F-VB-UST-8-14	72	90
240-57597-9	F-VB-UST-9-14	77	95
240-57597-10	F-VB-UST-10-14	83	89
240-57597-11	F-VB-UST-11-14	82	95
240-57597-12	F-VB-UST-12-14	81	92
240-57597-13	F-VB-UST-13-14	77	94
240-57597-14	F-VB-UST-14-14	78	89
240-57597-15	F-VB-UST-DUP	74	89
MB 240-205809/21-A		75	89
LCS 240-205809/22-A		75	85
240-57597-15 MS	F-VB-UST-DUP MS	81	95
240-57597-15 MSD	F-VB-UST-DUP MSD	77	89

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206051

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-206051/5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1130	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	20.4	102	80 - 120	
1,1,1-Trichloroethane	20.0	22.0	110	77 - 126	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	80 - 138	
1,1-Dichloroethane	20.0	18.5	93	76 - 120	
1,1-Dichloroethene	20.0	19.1	95	75 - 135	
1,1-Dichloropropene	20.0	20.3	102	80 - 120	
1,2,3-Trichlorobenzene	20.0	19.5	98	61 - 121	
1,2,3-Trichloropropane	20.0	20.3	102	80 - 126	
1,2,4-Trichlorobenzene	20.0	20.6	103	64 - 124	
1,2,4-Trimethylbenzene	20.0	20.3	101	80 - 129	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	61 - 132	
1,2-Dichlorobenzene	20.0	19.0	95	76 - 120	
1,2-Dichloroethane	20.0	19.3	97	72 - 120	
1,2-Dichloropropane	20.0	17.7	88	80 - 120	
1,3-Dichlorobenzene	20.0	19.3	96	78 - 120	
1,3-Dichloropropane	20.0	18.6	93	80 - 120	
1,4-Dichlorobenzene	20.0	18.8	94	75 - 120	
2,2-Dichloropropane	20.0	21.3	106	69 - 135	
2-Butanone (MEK)	40.0	31.5	79	52 - 131	
2-Chloroethyl vinyl ether	20.0	14.8	74	28 - 173	J
2-Chlorotoluene	20.0	20.2	101	78 - 120	
2-Hexanone	40.0	31.3	78	64 - 136	
4-Chlorotoluene	20.0	20.0	100	79 - 120	
p-Isopropyltoluene	20.0	20.7	103	77 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	30.7	77	67 - 135	
Acetone	40.0	32.8	82	41 - 137	
Benzene	20.0	18.5	93	79 - 120	
Bromobenzene	20.0	21.3	106	80 - 120	
Bromoform	20.0	16.3	82	62 - 133	
Bromomethane	20.0	18.8	94	42 - 136	
Carbon disulfide	20.0	15.1	75	62 - 146	
Carbon tetrachloride	20.0	21.9	110	71 - 129	
Chlorobenzene	20.0	19.9	99	78 - 120	
Dibromochloromethane	20.0	18.2	91	72 - 127	
Chloroethane	20.0	18.7	93	58 - 120	
Chloroform	20.0	19.9	100	77 - 120	
Chloromethane	20.0	14.5	72	50 - 120	
cis-1,2-Dichloroethene	20.0	19.6	98	76 - 120	
cis-1,3-Dichloropropene	20.0	17.3	86	74 - 128	
Dibromomethane	20.0	19.1	96	80 - 120	
Bromochloromethane	20.0	21.1	106	79 - 120	
Dichlorodifluoromethane	20.0	16.4	82	26 - 120	
Bromodichloromethane	20.0	18.1	90	80 - 122	
tert-Butyl alcohol (TBA)	200	138	69	60 - 125	J
Ethylbenzene	20.0	19.8	99	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206051

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-206051/5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1130	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	20.0	21.4	107	54 - 131	
Isopropylbenzene	20.0	20.6	103	76 - 122	
Methyl tert-butyl ether	20.0	18.7	93	49 - 165	
Methylene Chloride	20.0	16.7	84	75 - 120	
m-Xylene & p-Xylene	20.0	19.8	99	80 - 120	
Naphthalene	20.0	18.4	92	65 - 123	
n-Butylbenzene	20.0	20.2	101	68 - 135	
N-Propylbenzene	20.0	19.8	99	80 - 129	
o-Xylene	20.0	20.7	103	80 - 120	
sec-Butylbenzene	20.0	19.9	100	74 - 129	
Styrene	20.0	18.7	93	80 - 120	
Tetrachloroethene	20.0	19.6	98	79 - 120	
Toluene	20.0	20.5	102	75 - 120	
trans-1,2-Dichloroethene	20.0	20.1	100	78 - 120	
trans-1,3-Dichloropropene	20.0	19.3	97	73 - 131	
Trichloroethene	20.0	21.1	105	79 - 120	
Trichlorofluoromethane	20.0	22.3	111	57 - 146	
Vinyl acetate	20.0	16.9	85	70 - 130	
Vinyl chloride	20.0	15.8	79	57 - 120	
Xylenes, Total	40.0	40.5	101	80 - 120	
tert-Butylbenzene	20.0	20.1	101	76 - 126	
1,2-Dibromoethane	20.0	19.7	99	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	67 - 125
Dibromofluoromethane (Surr)	95	37 - 132
4-Bromofluorobenzene (Surr)	87	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206089

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-206089/1-A	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146331.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 g
Analysis Date:	11/10/2015 1256	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.50	U	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.38	U	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	2.83	J	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	5.7	U	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206089

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-206089/1-A	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146331.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.0 g
Analysis Date:	11/10/2015 1256	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.35	U	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.27	U	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	67 - 125
Dibromofluoromethane (Surr)	88	37 - 132
4-Bromofluorobenzene (Surr)	82	52 - 136
1,2-Dichloroethane-d4 (Surr)	91	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206089

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/10/2015 1630			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146342.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.12 g
Analysis Date:	11/10/2015 1652			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	101	104	34 - 135	4	30		
1,1,1-Trichloroethane	106	112	51 - 128	7	30		
1,1,2,2-Tetrachloroethane	117	121	16 - 179	5	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	103	111	50 - 147	9	30		
1,1-Dichloroethane	93	98	54 - 122	6	30		
1,1-Dichloroethene	87	95	49 - 157	10	30		
1,1-Dichloropropene	100	109	50 - 122	10	30		
1,2,3-Trichlorobenzene	62	78	10 - 120	24	30		
1,2,3-Trichloropropane	104	125	32 - 174	19	30		
1,2,4-Trichlorobenzene	62	86	10 - 120	33	30		F2
1,2,4-Trimethylbenzene	82	109	10 - 173	29	30		
1,2-Dibromo-3-Chloropropane	97	117	10 - 153	19	30		
1,2-Dichlorobenzene	79	96	17 - 122	20	30		
1,2-Dichloroethane	97	105	49 - 123	9	30		
1,2-Dichloropropane	91	95	61 - 120	5	30		
1,3-Dichlorobenzene	80	98	16 - 126	21	30		
1,3-Dichloropropane	98	101	54 - 128	3	30		
1,4-Dichlorobenzene	78	97	15 - 121	22	30		
2,2-Dichloropropane	105	107	49 - 132	2	30		
2-Butanone (MEK)	71	76	30 - 143	7	30		
2-Chloroethyl vinyl ether	72	75	10 - 162	5	30	J	J
2-Chlorotoluene	91	111	11 - 162	21	30		
2-Hexanone	114	114	37 - 147	1	30		
4-Chlorotoluene	85	108	15 - 149	25	30		
p-Isopropyltoluene	83	113	10 - 165	31	30		F2
4-Methyl-2-pentanone (MIBK)	328	303	43 - 147	7	30	F1	F1
Acetone	77	88	24 - 140	11	30		
Benzene	93	100	53 - 120	8	30		
Bromobenzene	95	117	24 - 144	22	30		
Bromoform	82	86	18 - 129	7	30		
Bromomethane	87	95	33 - 130	10	30		
Carbon disulfide	70	76	20 - 151	10	30		
Carbon tetrachloride	105	115	32 - 137	10	30		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206089

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/10/2015 1630			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146342.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.12 g
Analysis Date:	11/10/2015 1652			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	91	103	37 - 120	14	30		
Dibromochloromethane	89	92	29 - 135	5	30		
Chloroethane	94	97	45 - 120	4	30		
Chloroform	100	109	53 - 120	9	30		
Chloromethane	70	74	34 - 120	8	30		
cis-1,2-Dichloroethene	97	104	50 - 120	8	30		
cis-1,3-Dichloropropene	84	91	27 - 133	9	30		
Dibromomethane	96	105	52 - 123	9	30		
Bromochloromethane	102	113	53 - 120	11	30		
Dichlorodifluoromethane	80	80	17 - 120	1	30		
Bromodichloromethane	88	99	35 - 132	13	30		
tert-Butyl alcohol (TBA)	72	82	60 - 125	14	30	J	J
Ethylbenzene	90	106	30 - 131	17	30		
Hexachlorobutadiene	55	97	10 - 131	57	30		F2
Isopropylbenzene	86	109	21 - 134	25	30		
Methyl tert-butyl ether	92	97	51 - 157	6	30		
Methylene Chloride	82	88	54 - 120	7	30		
m-Xylene & p-Xylene	85	104	29 - 131	22	30		
Naphthalene	76	89	10 - 124	16	30		
n-Butylbenzene	73	109	10 - 148	40	30		F2
N-Propylbenzene	86	111	10 - 178	26	30		
o-Xylene	92	109	29 - 134	18	30		
sec-Butylbenzene	80	109	10 - 172	32	30		F2
Styrene	79	95	27 - 127	20	30		
Tetrachloroethene	98	107	31 - 135	10	30		
Toluene	96	106	39 - 129	11	30		
trans-1,2-Dichloroethene	98	107	50 - 123	10	30		
trans-1,3-Dichloropropene	93	99	28 - 137	8	30		
Trichloroethene	101	110	10 - 177	9	30		
Trichlorofluoromethane	101	114	36 - 142	13	30		
Vinyl acetate	63	77	70 - 130	21	30	F1	
Vinyl chloride	76	81	42 - 120	7	30		
Xylenes, Total	88	107	30 - 131	20	30		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206089

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/10/2015 1630			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-5	Analysis Batch:	240-206051	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206089	Lab File ID:	146342.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.12 g
Analysis Date:	11/10/2015 1652			Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 1124				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
tert-Butylbenzene	93	116	10 - 163	22	30		
1,2-Dibromoethane	106	108	45 - 127	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	99	101	67 - 125
Dibromofluoromethane (Surr)	97	101	37 - 132
4-Bromofluorobenzene (Surr)	95	96	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	98	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206089

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-5	Units: ug/Kg	MSD Lab Sample ID:	240-57597-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/10/2015 1630		Analysis Date:	11/10/2015 1652	
Prep Date:	11/10/2015 1124		Prep Date:	11/10/2015 1124	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1,2-Tetrachloroethane	0.58	U	22.8	23.0	23.0		24.0	
1,1,1-Trichloroethane	0.75	U	22.8	23.0	24.1		25.7	
1,1,2,2-Tetrachloroethane	0.36	U	22.8	23.0	26.6		28.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	22.8	23.0	23.5		25.6	
1,1-Dichloroethane	0.39	U	22.8	23.0	21.1		22.5	
1,1-Dichloroethene	0.93	U	22.8	23.0	19.8		22.0	
1,1-Dichloropropene	0.43	U	22.8	23.0	22.7		25.1	
1,2,3-Trichlorobenzene	0.58	U	22.8	23.0	14.1		17.9	
1,2,3-Trichloropropane	0.90	U	22.8	23.0	23.8		28.9	
1,2,4-Trichlorobenzene	0.44	U	22.8	23.0	14.2		19.9	F2
1,2,4-Trimethylbenzene	0.67	U	22.8	23.0	18.7		25.2	
1,2-Dibromo-3-Chloropropane	3.1	U	22.8	23.0	22.2		26.9	
1,2-Dichlorobenzene	0.39	U	22.8	23.0	18.1		22.2	
1,2-Dichloroethane	0.53	U	22.8	23.0	22.0		24.1	
1,2-Dichloropropane	0.16	U	22.8	23.0	20.8		21.9	
1,3-Dichlorobenzene	0.80	U	22.8	23.0	18.3		22.6	
1,3-Dichloropropane	0.46	U	22.8	23.0	22.5		23.2	
1,4-Dichlorobenzene	0.32	U	22.8	23.0	17.8		22.3	
2,2-Dichloropropane	0.51	U	22.8	23.0	24.0		24.5	
2-Butanone (MEK)	4.3	J	45.6	46.1	36.6		39.3	
2-Chloroethyl vinyl ether	0.74	U	22.8	23.0	16.4	J	17.2	J
2-Chlorotoluene	0.35	U	22.8	23.0	20.8		25.6	
2-Hexanone	0.79	U	45.6	46.1	52.2		52.6	
4-Chlorotoluene	0.30	U	22.8	23.0	19.4		24.9	
p-Isopropyltoluene	0.47	U	22.8	23.0	19.0		26.0	F2
4-Methyl-2-pentanone (MIBK)	1.4	U	45.6	46.1	150	F1	140	F1
Acetone	13	J	45.6	46.1	47.7		53.3	
Benzene	1.0	U	22.8	23.0	21.1		23.0	
Bromobenzene	0.38	U	22.8	23.0	21.7		26.9	
Bromoform	0.28	U	22.8	23.0	18.7		19.9	
Bromomethane	0.49	U	22.8	23.0	19.8		21.9	
Carbon disulfide	0.68	U	22.8	23.0	16.0		17.6	
Carbon tetrachloride	0.75	U	22.8	23.0	24.0		26.5	
Chlorobenzene	0.61	U	22.8	23.0	20.7		23.7	
Dibromochloromethane	0.43	U	22.8	23.0	20.2		21.2	
Chloroethane	0.51	U	22.8	23.0	21.5		22.3	
Chloroform	0.42	U	22.8	23.0	22.9		25.1	
Chloromethane	0.92	U	22.8	23.0	15.9		17.1	
cis-1,2-Dichloroethene	0.32	U	22.8	23.0	22.1		24.0	
cis-1,3-Dichloropropene	0.82	U	22.8	23.0	19.1		21.0	
Dibromomethane	0.49	U	22.8	23.0	22.0		24.2	
Bromochloromethane	0.38	U	22.8	23.0	23.3		26.0	
Dichlorodifluoromethane	0.32	U	22.8	23.0	18.3		18.5	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206089

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-5	Units: ug/Kg	MSD Lab Sample ID:	240-57597-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/10/2015 1630		Analysis Date:	11/10/2015 1652	
Prep Date:	11/10/2015 1124		Prep Date:	11/10/2015 1124	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Bromodichloromethane	0.34	U	22.8	23.0	20.0		22.9	
tert-Butyl alcohol (TBA)	6.6	U	228	230	164	J	189	J
Ethylbenzene	0.37	U	22.8	23.0	20.5		24.4	
Hexachlorobutadiene	0.46	U	22.8	23.0	12.5		22.3	F2
Isopropylbenzene	0.23	U	22.8	23.0	19.5		25.1	
Methyl tert-butyl ether	0.50	U	22.8	23.0	20.9		22.3	
Methylene Chloride	0.86	U	22.8	23.0	18.8		20.2	
m-Xylene & p-Xylene	0.49	U	22.8	23.0	19.3		24.0	
Naphthalene	0.41	J	22.8	23.0	17.8		21.0	
n-Butylbenzene	0.68	U	22.8	23.0	16.6		25.0	F2
N-Propylbenzene	0.70	U	22.8	23.0	19.7		25.5	
o-Xylene	0.66	U	22.8	23.0	20.9		25.1	
sec-Butylbenzene	1.1	U	22.8	23.0	18.2		25.1	F2
Styrene	0.46	U	22.8	23.0	17.9		21.9	
Tetrachloroethene	0.93	U	22.8	23.0	22.3		24.7	
Toluene	0.31	U	22.8	23.0	22.0		24.4	
trans-1,2-Dichloroethene	0.37	U	22.8	23.0	22.3		24.7	
trans-1,3-Dichloropropene	0.34	U	22.8	23.0	21.1		22.9	
Trichloroethene	0.44	U	22.8	23.0	23.2		25.3	
Trichlorofluoromethane	0.34	U	22.8	23.0	23.0		26.2	
Vinyl acetate	0.76	U	22.8	23.0	14.4	F1	17.8	
Vinyl chloride	0.35	U	22.8	23.0	17.4		18.6	
Xylenes, Total	0.63	U	45.6	46.1	40.2		49.1	
tert-Butylbenzene	0.78	U	22.8	23.0	21.3		26.7	
1,2-Dibromoethane	0.61	U	22.8	23.0	24.2		25.0	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206267 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-206267/6	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146361.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 1143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.50	U	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.38	U	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	3.14	J	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	5.7	U	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206267

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-206267/6	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146361.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 1143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.350	J	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.369	J	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	67 - 125
Dibromofluoromethane (Surr)	101	37 - 132
4-Bromofluorobenzene (Surr)	90	52 - 136
1,2-Dichloroethane-d4 (Surr)	102	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206267

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-206267/5	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146360.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 1122	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	21.7	108	80 - 120	
1,1,1-Trichloroethane	20.0	22.4	112	77 - 126	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2	106	80 - 138	
1,1-Dichloroethane	20.0	19.0	95	76 - 120	
1,1-Dichloroethene	20.0	18.6	93	75 - 135	
1,1-Dichloropropene	20.0	20.9	104	80 - 120	
1,2,3-Trichlorobenzene	20.0	20.6	103	61 - 121	
1,2,3-Trichloropropane	20.0	21.8	109	80 - 126	
1,2,4-Trichlorobenzene	20.0	21.3	106	64 - 124	
1,2,4-Trimethylbenzene	20.0	21.1	106	80 - 129	
1,2-Dibromo-3-Chloropropane	20.0	20.9	104	61 - 132	
1,2-Dichlorobenzene	20.0	20.6	103	76 - 120	
1,2-Dichloroethane	20.0	20.6	103	72 - 120	
1,2-Dichloropropane	20.0	19.1	96	80 - 120	
1,3-Dichlorobenzene	20.0	20.2	101	78 - 120	
1,3-Dichloropropane	20.0	20.5	102	80 - 120	
1,4-Dichlorobenzene	20.0	20.4	102	75 - 120	
2,2-Dichloropropane	20.0	21.9	110	69 - 135	
2-Butanone (MEK)	40.0	33.7	84	52 - 131	
2-Chloroethyl vinyl ether	20.0	15.3	76	28 - 173	J
2-Chlorotoluene	20.0	21.5	108	78 - 120	
2-Hexanone	40.0	32.9	82	64 - 136	
4-Chlorotoluene	20.0	21.6	108	79 - 120	
p-Isopropyltoluene	20.0	22.3	112	77 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	32.6	82	67 - 135	
Acetone	40.0	33.3	83	41 - 137	
Benzene	20.0	19.4	97	79 - 120	
Bromobenzene	20.0	22.4	112	80 - 120	
Bromoform	20.0	17.7	89	62 - 133	
Bromomethane	20.0	19.6	98	42 - 136	
Carbon disulfide	20.0	14.8	74	62 - 146	
Carbon tetrachloride	20.0	22.8	114	71 - 129	
Chlorobenzene	20.0	21.0	105	78 - 120	
Dibromochloromethane	20.0	19.4	97	72 - 127	
Chloroethane	20.0	19.9	99	58 - 120	
Chloroform	20.0	21.0	105	77 - 120	
Chloromethane	20.0	15.6	78	50 - 120	
cis-1,2-Dichloroethene	20.0	20.1	101	76 - 120	
cis-1,3-Dichloropropene	20.0	18.4	92	74 - 128	
Dibromomethane	20.0	21.4	107	80 - 120	
Bromochloromethane	20.0	22.2	111	79 - 120	
Dichlorodifluoromethane	20.0	20.4	102	26 - 120	
Bromodichloromethane	20.0	19.2	96	80 - 122	
tert-Butyl alcohol (TBA)	200	143	71	60 - 125	J
Ethylbenzene	20.0	21.3	106	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206267

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-206267/5	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146360.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 1122	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	20.0	23.6	118	54 - 131	
Isopropylbenzene	20.0	21.2	106	76 - 122	
Methyl tert-butyl ether	20.0	18.5	93	49 - 165	
Methylene Chloride	20.0	16.9	84	75 - 120	
m-Xylene & p-Xylene	20.0	21.3	107	80 - 120	
Naphthalene	20.0	18.4	92	65 - 123	
n-Butylbenzene	20.0	21.8	109	68 - 135	
N-Propylbenzene	20.0	21.7	108	80 - 129	
o-Xylene	20.0	21.7	108	80 - 120	
sec-Butylbenzene	20.0	20.9	105	74 - 129	
Styrene	20.0	20.0	100	80 - 120	
Tetrachloroethene	20.0	21.3	107	79 - 120	
Toluene	20.0	21.3	106	75 - 120	
trans-1,2-Dichloroethene	20.0	20.3	101	78 - 120	
trans-1,3-Dichloropropene	20.0	20.6	103	73 - 131	
Trichloroethene	20.0	21.5	108	79 - 120	
Trichlorofluoromethane	20.0	22.8	114	57 - 146	
Vinyl acetate	20.0	17.7	88	70 - 130	
Vinyl chloride	20.0	16.8	84	57 - 120	
Xylenes, Total	40.0	43.0	108	80 - 120	
tert-Butylbenzene	20.0	21.4	107	76 - 126	
1,2-Dibromoethane	20.0	21.7	109	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	67 - 125
Dibromofluoromethane (Surr)	99	37 - 132
4-Bromofluorobenzene (Surr)	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206305

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146366.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.91 g
Analysis Date:	11/11/2015 1331			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146367.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/11/2015 1352			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	102	97	34 - 135	9	30		
1,1,1-Trichloroethane	111	105	51 - 128	8	30		
1,1,2,2-Tetrachloroethane	97	94	16 - 179	11	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	108	104	50 - 147	10	30		
1,1-Dichloroethane	93	90	54 - 122	10	30		
1,1-Dichloroethene	93	90	49 - 157	10	30		
1,1-Dichloropropene	103	98	50 - 122	8	30		
1,2,3-Trichlorobenzene	96	88	10 - 120	4	30		
1,2,3-Trichloropropane	112	91	32 - 174	8	30		
1,2,4-Trichlorobenzene	98	92	10 - 120	6	30		
1,2,4-Trimethylbenzene	98	92	10 - 173	7	30		
1,2-Dibromo-3-Chloropropane	90	91	10 - 153	14	30		
1,2-Dichlorobenzene	94	88	17 - 122	7	30		
1,2-Dichloroethane	97	93	49 - 123	9	30		
1,2-Dichloropropane	86	85	61 - 120	12	30		
1,3-Dichlorobenzene	97	84	16 - 126	1	30		
1,3-Dichloropropane	94	89	54 - 128	9	30		
1,4-Dichlorobenzene	91	85	15 - 121	7	30		
2,2-Dichloropropane	109	107	49 - 132	11	30		
2-Butanone (MEK)	67	62	30 - 143	5	30		
2-Chloroethyl vinyl ether	63	66	10 - 162	17	30	J	J
2-Chlorotoluene	101	96	11 - 162	9	30		
2-Hexanone	79	74	37 - 147	7	30		
4-Chlorotoluene	98	89	15 - 149	4	30		
p-Isopropyltoluene	102	94	10 - 165	6	30		
4-Methyl-2-pentanone (MIBK)	82	73	43 - 147	3	30		
Acetone	76	64	24 - 140	3	30		
Benzene	94	91	53 - 120	11	30		
Bromobenzene	101	98	24 - 144	11	30		
Bromoform	81	77	18 - 129	8	30		
Bromomethane	97	92	33 - 130	8	30		
Carbon disulfide	70	68	20 - 151	11	30		
Carbon tetrachloride	108	105	32 - 137	10	30		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206305

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146366.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.91 g
Analysis Date:	11/11/2015 1331			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146367.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/11/2015 1352			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	97	92	37 - 120	8	30		
Dibromochloromethane	86	86	29 - 135	13	30		
Chloroethane	98	92	45 - 120	7	30		
Chloroform	104	100	53 - 120	9	30		
Chloromethane	78	76	34 - 120	11	30		
cis-1,2-Dichloroethene	99	95	50 - 120	9	30		
cis-1,3-Dichloropropene	81	80	27 - 133	12	30		
Dibromomethane	108	101	52 - 123	7	30		
Bromochloromethane	104	98	53 - 120	8	30		
Dichlorodifluoromethane	101	96	17 - 120	9	30		
Bromodichloromethane	87	90	35 - 132	17	30		
tert-Butyl alcohol (TBA)	83	70	60 - 125	4	30	J	J
Ethylbenzene	96	93	30 - 131	10	30		
Hexachlorobutadiene	106	99	10 - 131	7	30		
Isopropylbenzene	101	96	21 - 134	8	30		
Methyl tert-butyl ether	88	86	51 - 157	11	30		
Methylene Chloride	82	85	54 - 120	17	30		
m-Xylene & p-Xylene	98	89	29 - 131	4	30		
Naphthalene	85	83	10 - 124	11	30		
n-Butylbenzene	98	92	10 - 148	7	30		
N-Propylbenzene	98	91	10 - 178	7	30		
o-Xylene	98	95	29 - 134	10	30		
sec-Butylbenzene	98	91	10 - 172	6	30		
Styrene	90	86	27 - 127	9	30		
Tetrachloroethene	109	96	31 - 135	0	30		
Toluene	102	96	39 - 129	7	30		
trans-1,2-Dichloroethene	100	97	50 - 123	10	30		
trans-1,3-Dichloropropene	86	87	28 - 137	14	30		
Trichloroethene	103	99	10 - 177	10	30		
Trichlorofluoromethane	107	111	36 - 142	17	30		
Vinyl acetate	89	79	70 - 130	2	30		
Vinyl chloride	85	82	42 - 120	9	30		
Xylenes, Total	98	92	30 - 131	7	30		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206305

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146366.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.91 g
Analysis Date:	11/11/2015 1331			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206267	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-206305	Lab File ID:	146367.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.17 g
Analysis Date:	11/11/2015 1352			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 1103				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
tert-Butylbenzene	101	95	10 - 163	7	30		
1,2-Dibromoethane	100	97	45 - 127	10	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	96	67 - 125
Dibromofluoromethane (Surr)	97	99	37 - 132
4-Bromofluorobenzene (Surr)	88	86	52 - 136
1,2-Dichloroethane-d4 (Surr)	97	95	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206305

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-15	Units: ug/Kg	MSD Lab Sample ID:	240-57597-15	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/11/2015 1331		Analysis Date:	11/11/2015 1352	
Prep Date:	11/11/2015 1103		Prep Date:	11/11/2015 1103	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1,2-Tetrachloroethane	0.53	U	19.8	22.6	20.2		22.0	
1,1,1-Trichloroethane	0.68	U	19.8	22.6	22.0		23.8	
1,1,2,2-Tetrachloroethane	0.33	U	19.8	22.6	19.2		21.3	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	19.8	22.6	21.4		23.5	
1,1-Dichloroethane	0.36	U	19.8	22.6	18.4		20.4	
1,1-Dichloroethene	0.84	U	19.8	22.6	18.3		20.3	
1,1-Dichloropropene	0.39	U	19.8	22.6	20.4		22.2	
1,2,3-Trichlorobenzene	0.53	U	19.8	22.6	19.1		19.9	
1,2,3-Trichloropropane	0.82	U	19.8	22.6	22.1		20.5	
1,2,4-Trichlorobenzene	0.40	U	19.8	22.6	19.5		20.8	
1,2,4-Trimethylbenzene	0.61	U	19.8	22.6	19.4		20.8	
1,2-Dibromo-3-Chloropropane	2.9	U	19.8	22.6	17.8		20.5	
1,2-Dichlorobenzene	0.36	U	19.8	22.6	18.5		19.9	
1,2-Dichloroethane	0.48	U	19.8	22.6	19.3		21.1	
1,2-Dichloropropane	0.15	U	19.8	22.6	17.0		19.2	
1,3-Dichlorobenzene	0.73	U	19.8	22.6	19.2		19.0	
1,3-Dichloropropane	0.42	U	19.8	22.6	18.5		20.2	
1,4-Dichlorobenzene	0.29	U	19.8	22.6	17.9		19.1	
2,2-Dichloropropane	0.46	U	19.8	22.6	21.6		24.1	
2-Butanone (MEK)	3.6	J	39.6	45.2	30.1		31.6	
2-Chloroethyl vinyl ether	0.67	U	19.8	22.6	12.6	J	14.8	J
2-Chlorotoluene	0.32	U	19.8	22.6	19.9		21.8	
2-Hexanone	0.72	U	39.6	45.2	31.1		33.3	
4-Chlorotoluene	0.27	U	19.8	22.6	19.3		20.1	
p-Isopropyltoluene	0.43	U	19.8	22.6	20.1		21.4	
4-Methyl-2-pentanone (MIBK)	1.3	U	39.6	45.2	32.3		33.2	
Acetone	6.0	U	39.6	45.2	30.0		29.1	
Benzene	0.95	U	19.8	22.6	18.5		20.6	
Bromobenzene	0.35	U	19.8	22.6	19.9		22.2	
Bromoform	0.25	U	19.8	22.6	16.1		17.5	
Bromomethane	0.44	U	19.8	22.6	19.1		20.8	
Carbon disulfide	0.62	U	19.8	22.6	13.8		15.4	
Carbon tetrachloride	0.68	U	19.8	22.6	21.4		23.7	
Chlorobenzene	0.56	U	19.8	22.6	19.3		20.8	
Dibromochloromethane	0.39	U	19.8	22.6	17.1		19.4	
Chloroethane	0.46	U	19.8	22.6	19.4		20.8	
Chloroform	0.38	U	19.8	22.6	20.5		22.6	
Chloromethane	0.83	U	19.8	22.6	15.5		17.2	
cis-1,2-Dichloroethene	0.29	U	19.8	22.6	19.6		21.5	
cis-1,3-Dichloropropene	0.75	U	19.8	22.6	16.0		18.1	
Dibromomethane	0.44	U	19.8	22.6	21.4		22.8	
Bromochloromethane	0.35	U	19.8	22.6	20.6		22.2	
Dichlorodifluoromethane	0.29	U	19.8	22.6	19.9		21.8	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206305

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57597-15	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/11/2015 1331		
Prep Date:	11/11/2015 1103		
Leach Date:	N/A		

MSD Lab Sample ID:	240-57597-15
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/11/2015 1352
Prep Date:	11/11/2015 1103
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Bromodichloromethane	0.31	U	19.8	22.6	17.2		20.4	
tert-Butyl alcohol (TBA)	6.0	U	198	226	163	J	158	J
Ethylbenzene	0.34	U	19.8	22.6	19.0		20.9	
Hexachlorobutadiene	0.42	U	19.8	22.6	20.9		22.4	
Isopropylbenzene	0.21	U	19.8	22.6	20.0		21.8	
Methyl tert-butyl ether	0.45	U	19.8	22.6	17.5		19.5	
Methylene Chloride	0.78	U	19.8	22.6	16.2		19.2	
m-Xylene & p-Xylene	0.44	U	19.8	22.6	19.4		20.2	
Naphthalene	0.37	U	19.8	22.6	16.9		18.8	
n-Butylbenzene	0.62	U	19.8	22.6	19.3		20.7	
N-Propylbenzene	0.63	U	19.8	22.6	19.4		20.7	
o-Xylene	0.60	U	19.8	22.6	19.5		21.5	
sec-Butylbenzene	0.96	U	19.8	22.6	19.5		20.6	
Styrene	0.42	U	19.8	22.6	17.8		19.5	
Tetrachloroethene	0.84	U	19.8	22.6	21.7		21.7	
Toluene	0.28	U	19.8	22.6	20.2		21.7	
trans-1,2-Dichloroethene	0.34	U	19.8	22.6	19.7		21.8	
trans-1,3-Dichloropropene	0.31	U	19.8	22.6	17.1		19.7	
Trichloroethene	0.40	U	19.8	22.6	20.3		22.5	
Trichlorofluoromethane	0.31	U	19.8	22.6	21.2		25.1	
Vinyl acetate	0.70	U	19.8	22.6	17.6		17.9	
Vinyl chloride	0.32	U	19.8	22.6	16.9		18.5	
Xylenes, Total	0.57	U	39.6	45.2	38.9		41.7	
tert-Butylbenzene	0.71	U	19.8	22.6	20.0		21.5	
1,2-Dibromoethane	0.56	U	19.8	22.6	19.8		21.9	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206461

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-206461/6	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4396.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1211	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1211				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	0.583	J	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	0.94	U	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206461

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-206461/6	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4396.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1211	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1211				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	4.9	U	4.9	50
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	0.33	U	0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	88	80 - 120
Dibromofluoromethane (Surr)	99	79 - 120
4-Bromofluorobenzene (Surr)	97	61 - 120
1,2-Dichloroethane-d4 (Surr)	95	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206461

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-206461/4	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1103	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1103				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	10.0	11.8	118	80 - 120	
1,1,1-Trichloroethane	10.0	11.1	111	77 - 123	
1,1,2,2-Tetrachloroethane	10.0	9.38	94	71 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.57	96	67 - 138	
1,1-Dichloroethane	10.0	9.43	94	79 - 125	
1,1-Dichloroethene	10.0	8.73	87	76 - 124	
1,1-Dichloropropene	10.0	10.4	104	80 - 128	
1,2,3-Trichlorobenzene	10.0	8.64	86	66 - 120	
1,2,3-Trichloropropane	10.0	11.3	113	72 - 126	
1,2,4-Trichlorobenzene	10.0	8.66	87	61 - 120	
1,2,4-Trimethylbenzene	10.0	9.93	99	76 - 120	
1,2-Dibromo-3-Chloropropane	10.0	9.17	92	50 - 132	
1,2-Dichlorobenzene	10.0	9.76	98	79 - 120	
1,2-Dichloroethane	10.0	10.5	105	80 - 120	
1,2-Dichloropropane	10.0	9.07	91	78 - 124	
1,3-Dichlorobenzene	10.0	9.90	99	79 - 120	
1,3-Dichloropropane	10.0	9.29	93	80 - 120	
1,4-Dichlorobenzene	10.0	9.83	98	79 - 120	
2,2-Dichloropropane	10.0	10.4	104	71 - 122	
2-Butanone (MEK)	20.0	16.3	82	56 - 138	
2-Chloroethyl vinyl ether	10.0	8.93	89	54 - 139	J
2-Chlorotoluene	10.0	10.4	104	80 - 120	
2-Hexanone	20.0	17.6	88	55 - 141	
4-Chlorotoluene	10.0	9.89	99	80 - 120	
p-Isopropyltoluene	10.0	9.42	94	77 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	18.1	90	64 - 135	
Acetone	20.0	13.6	68	34 - 148	
Benzene	10.0	9.23	92	80 - 120	
Bromobenzene	10.0	10.7	107	80 - 120	
Bromoform	10.0	10.7	107	56 - 122	
Bromomethane	10.0	11.0	110	38 - 132	
Carbon disulfide	10.0	7.86	79	65 - 144	
Carbon tetrachloride	10.0	11.6	116	77 - 131	
Chlorobenzene	10.0	10.2	102	80 - 120	
Dibromochloromethane	10.0	10.6	106	74 - 120	
Chloroethane	10.0	9.73	97	36 - 126	
Chloroform	10.0	10.6	106	80 - 120	
Chloromethane	10.0	8.46	85	48 - 133	
cis-1,2-Dichloroethene	10.0	9.74	97	79 - 120	
cis-1,3-Dichloropropene	10.0	9.52	95	74 - 126	
Dibromomethane	10.0	10.7	107	80 - 120	
Bromochloromethane	10.0	10.8	108	80 - 120	
Dichlorodifluoromethane	10.0	10.5	105	23 - 136	
Bromodichloromethane	10.0	11.0	110	80 - 120	
tert-Butyl alcohol (TBA)	100	72.2	72	38 - 144	
Ethylbenzene	10.0	10.5	105	80 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-206461

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-206461/4	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 1103	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 1103				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	10.0	8.37	84	62 - 120	
Isopropylbenzene	10.0	10.4	104	77 - 120	
Methyl tert-butyl ether	10.0	10.1	101	69 - 121	
Methylene Chloride	10.0	9.34	93	77 - 129	
m-Xylene & p-Xylene	10.0	10.0	100	80 - 120	
Naphthalene	10.0	8.44	84	53 - 121	
n-Butylbenzene	10.0	8.71	87	74 - 120	
N-Propylbenzene	10.0	10.2	102	79 - 123	
o-Xylene	10.0	10.4	104	80 - 120	
sec-Butylbenzene	10.0	9.27	93	77 - 120	
Styrene	10.0	9.85	99	76 - 122	
Tetrachloroethene	10.0	10.9	109	78 - 121	
Toluene	10.0	9.77	98	80 - 120	
trans-1,2-Dichloroethene	10.0	9.53	95	80 - 124	
trans-1,3-Dichloropropene	10.0	9.90	99	75 - 131	
Trichloroethene	10.0	11.1	111	80 - 121	
Trichlorofluoromethane	10.0	9.70	97	61 - 133	
Vinyl acetate	10.0	9.77	98	27 - 160	
Vinyl chloride	10.0	9.07	91	52 - 121	
Xylenes, Total	20.0	20.4	102	80 - 120	
tert-Butylbenzene	10.0	9.67	97	77 - 121	
1,2-Dibromoethane	10.0	10.7	107	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	80 - 120
Dibromofluoromethane (Surr)	103	79 - 120
4-Bromofluorobenzene (Surr)	103	61 - 120
1,2-Dichloroethane-d4 (Surr)	99	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206461

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57564-B-1 MS	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4417.D
Dilution:	250	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 2005			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 2005				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57564-B-1 MSD	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4418.D
Dilution:	250	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 2027			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 2027				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	103	105	69 - 122	2	14		
1,1,2,2-Tetrachloroethane	85	89	61 - 130	4	18		
1,1,2-Trichloro-1,2,2-trifluoroethane	74	87	44 - 140	15	35		
1,1-Dichloroethane	91	93	73 - 124	2	14		
1,1-Dichloroethene	81	84	67 - 124	4	24		
1,2,4-Trichlorobenzene	84	88	48 - 120	5	28		
1,2-Dibromo-3-Chloropropane	92	100	42 - 130	8	24		
1,2-Dichlorobenzene	92	95	67 - 118	3	15		
1,2-Dichloroethane	103	104	74 - 125	0	24		
1,2-Dichloropropane	87	93	73 - 122	7	15		
1,3-Dichlorobenzene	90	91	65 - 120	1	15		
1,4-Dichlorobenzene	92	93	66 - 120	2	16		
2-Butanone (MEK)	109	116	49 - 132	3	19		
2-Hexanone	89	87	49 - 142	3	27		
4-Methyl-2-pentanone (MIBK)	100	102	58 - 136	2	32		
Acetone	179	182	32 - 126	1	28	F1	F1
Benzene	89	90	73 - 121	1	13		
Bromoform	100	99	45 - 121	1	19		
Bromomethane	96	96	26 - 136	0	35		
Carbon disulfide	75	77	54 - 144	3	34		
Carbon tetrachloride	105	111	65 - 129	6	20		
Chlorobenzene	96	96	72 - 120	1	15		
Dibromochloromethane	98	98	62 - 122	0	19		
Chloroethane	88	87	27 - 131	1	35		
Chloroform	102	103	73 - 121	1	17		
Chloromethane	79	82	39 - 134	4	20		
cis-1,2-Dichloroethene	95	97	66 - 124	2	22		
cis-1,3-Dichloropropene	90	93	60 - 120	4	21		
Dichlorodifluoromethane	75	89	14 - 137	18	34		
Bromodichloromethane	106	110	72 - 120	4	19		
Ethylbenzene	97	95	68 - 121	3	16		
Isopropylbenzene	95	96	61 - 122	1	20		
Methyl tert-butyl ether	101	103	61 - 121	2	12		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206461

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57564-B-1 MS	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4417.D
Dilution:	250	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 2005			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 2005				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57564-B-1 MSD	Analysis Batch:	240-206461	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC4418.D
Dilution:	250	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/12/2015 2027			Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 2027				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	94	93	70 - 124	1	14		
m-Xylene & p-Xylene	96	94	66 - 123	2	15		
o-Xylene	97	97	68 - 121	0	14		
Styrene	93	93	64 - 126	1	15		
Tetrachloroethene	98	100	59 - 125	2	20		
Toluene	88	91	72 - 122	2	15		
trans-1,2-Dichloroethene	94	96	72 - 125	3	25		
trans-1,3-Dichloropropene	93	92	58 - 132	1	22		
Trichloroethene	103	109	61 - 129	6	14		
Trichlorofluoromethane	81	90	49 - 133	10	25		
Vinyl chloride	81	82	44 - 122	1	35		
Xylenes, Total	96	96	67 - 122	1	14		
1,2-Dibromoethane	97	99	69 - 125	2	24		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	88	90	80 - 120
Dibromofluoromethane (Surr)	99	101	79 - 120
4-Bromofluorobenzene (Surr)	103	102	61 - 120
1,2-Dichloroethane-d4 (Surr)	97	98	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206461

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57564-B-1 MS	Units: ug/L	MSD Lab Sample ID:	240-57564-B-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	250		Dilution:	250	
Analysis Date:	11/12/2015 2005		Analysis Date:	11/12/2015 2027	
Prep Date:	11/12/2015 2005		Prep Date:	11/12/2015 2027	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	110	U	2500	2500	2570		2630	
1,1,2,2-Tetrachloroethane	55	U	2500	2500	2130		2220	
1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	2500	2500	1850		2160	
1,1-Dichloroethane	75	U	2500	2500	2270		2310	
1,1-Dichloroethene	110	U	2500	2500	2020		2090	
1,2,4-Trichlorobenzene	80	U	2500	2500	2090		2190	
1,2-Dibromo-3-Chloropropane	210	U	2500	2500	2310		2510	
1,2-Dichlorobenzene	63	U	2500	2500	2300		2370	
1,2-Dichloroethane	58	U	2500	2500	2580		2590	
1,2-Dichloropropane	63	U	2500	2500	2170		2330	
1,3-Dichlorobenzene	48	U	2500	2500	2250		2270	
1,4-Dichlorobenzene	68	U	2500	2500	2290		2330	
2-Butanone (MEK)	7000		5000	5000	12400		12800	
2-Hexanone	120	U	5000	5000	4460		4330	
4-Methyl-2-pentanone (MIBK)	370	J	5000	5000	5380		5460	
Acetone	9800		5000	5000	18700	F1	18900	F1
Benzene	88	U	2500	2500	2220		2250	
Bromoform	140	U	2500	2500	2500		2490	
Bromomethane	110	U	2500	2500	2390		2400	
Carbon disulfide	95	U	2500	2500	1870		1920	
Carbon tetrachloride	110	U	2500	2500	2620		2790	
Chlorobenzene	63	U	2500	2500	2390		2400	
Dibromochloromethane	110	U	2500	2500	2460		2450	
Chloroethane	80	U	2500	2500	2200		2180	
Chloroform	63	U	2500	2500	2560		2580	
Chloromethane	110	U	2500	2500	1980		2060	
cis-1,2-Dichloroethene	65	U	2500	2500	2370		2420	
cis-1,3-Dichloropropene	120	U	2500	2500	2250		2330	
Dichlorodifluoromethane	80	U	2500	2500	1870		2230	
Bromodichloromethane	73	U	2500	2500	2650		2760	
Ethylbenzene	63	U	2500	2500	2440		2370	
Isopropylbenzene	88	U	2500	2500	2380		2400	
Methyl tert-butyl ether	50	U	2500	2500	2520		2570	
Methylene Chloride	83	U	2500	2500	2350		2330	
m-Xylene & p-Xylene	150	J	2500	2500	2540		2510	
o-Xylene	72	J	2500	2500	2500		2490	
Styrene	110	U	2500	2500	2320		2340	
Tetrachloroethene	78	U	2500	2500	2450		2490	
Toluene	170	J	2500	2500	2380		2430	
trans-1,2-Dichloroethene	75	U	2500	2500	2340		2400	
trans-1,3-Dichloropropene	140	U	2500	2500	2330		2310	
Trichloroethene	55	U	2500	2500	2580		2730	
Trichlorofluoromethane	120	U	2500	2500	2020		2240	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206461

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57564-B-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	250		
Analysis Date:	11/12/2015 2005		
Prep Date:	11/12/2015 2005		
Leach Date:	N/A		

MSD Lab Sample ID:	240-57564-B-1 MSD
Client Matrix:	Water
Dilution:	250
Analysis Date:	11/12/2015 2027
Prep Date:	11/12/2015 2027
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Vinyl chloride	73	U	2500	2500	2040	2050
Xylenes, Total	220	J	5000	5000	5040	5000
1,2-Dibromoethane	80	U	2500	2500	2430	2470

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205786

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-205786/23-A	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-205786	Lab File ID:	51111004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1027	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	3.5	U	3.5	50
bis (2-chloroisopropyl) ether	9.5	U	9.5	100
2,4,5-Trichlorophenol	25	U	25	150
2,4,6-Trichlorophenol	8.9	U	8.9	150
2,4-Dichlorophenol	20	U	20	150
2,4-Dimethylphenol	20	U	20	150
2,4-Dinitrophenol	21	U	21	330
2,4-Dinitrotoluene	17	U	17	200
2,6-Dinitrotoluene	21	U	21	200
2-Chloronaphthalene	0.45	U	0.45	50
2-Chlorophenol	8.2	U	8.2	50
2-Methylnaphthalene	0.50	U	0.50	6.7
2-Methylphenol	11	U	11	200
2-Nitroaniline	9.1	U	9.1	200
2-Nitrophenol	8.3	U	8.3	50
3,3'-Dichlorobenzidine	18	U	18	100
3-Nitroaniline	16	U	16	200
4,6-Dinitro-2-methylphenol	9.2	U	9.2	150
4-Bromophenyl phenyl ether	13	U	13	50
4-Chloro-3-methylphenol	21	U	21	150
4-Chloroaniline	17	U	17	150
4-Chlorophenyl phenyl ether	13	U	13	50
4-Nitroaniline	26	U	26	200
4-Nitrophenol	17	U	17	330
Acenaphthene	0.76	U	0.76	6.7
Acenaphthylene	0.35	U	0.35	6.7
Acetophenone	9.2	U	9.2	100
Anthracene	0.78	U	0.78	6.7
Atrazine	9.1	U	9.1	200
Benzaldehyde	12	U	12	100
Benzo[a]anthracene	0.63	U	0.63	6.7
Benzo[a]pyrene	0.64	U	0.64	6.7
Benzo[b]fluoranthene	0.59	U	0.59	6.7
Benzo[g,h,i]perylene	0.35	U	0.35	6.7
Benzo[k]fluoranthene	0.68	U	0.68	6.7
Bis(2-chloroethoxy)methane	22	U	22	100
Bis(2-chloroethyl)ether	2.0	U	2.0	100
Bis(2-ethylhexyl) phthalate	19	U	19	70
Butyl benzyl phthalate	10	U	10	70
Caprolactam	37	U	37	330
Carbazole	27	U	27	50
Chrysene	1.1	U	1.1	6.7
Dibenz(a,h)anthracene	0.66	U	0.66	6.7
Dibenzofuran	0.66	U	0.66	50
Diethyl phthalate	16	U	16	70

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205786

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-205786/23-A	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-205786	Lab File ID:	51111004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1027	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dimethyl phthalate	17	U	17	70
Di-n-butyl phthalate	15	U	15	70
Di-n-octyl phthalate	7.9	U	7.9	70
Fluoranthene	0.55	U	0.55	6.7
Fluorene	0.53	U	0.53	6.7
Hexachlorobenzene	2.1	U	2.1	6.7
Hexachlorobutadiene	5.6	U	5.6	50
Hexachlorocyclopentadiene	8.1	U	8.1	330
Hexachloroethane	9.0	U	9.0	50
Indeno[1,2,3-cd]pyrene	0.35	U	0.35	6.7
Isophorone	13	U	13	50
N-Nitrosodi-n-propylamine	6.3	U	6.3	50
N-Nitrosodiphenylamine	21	U	21	50
Naphthalene	0.82	U	0.82	6.7
Nitrobenzene	2.2	U	2.2	100
Pentachlorophenol	9.1	U	9.1	150
Phenanthrene	0.73	U	0.73	6.7
Phenol	7.3	U	7.3	50
Pyrene	0.44	U	0.44	6.7
3 & 4 Methylphenol	20	U	20	400

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	80	36 - 110
Phenol-d5 (Surr)	66	26 - 110
Nitrobenzene-d5 (Surr)	65	20 - 110
2-Fluorophenol (Surr)	66	24 - 110
2-Fluorobiphenyl (Surr)	68	24 - 110
2,4,6-Tribromophenol (Surr)	48	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-205786

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-205786/24-A	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-205786	Lab File ID:	51111005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1051	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	667	525	79	35 - 110	
bis (2-chloroisopropyl) ether	667	611	92	29 - 110	
2,4,5-Trichlorophenol	667	428	64	25 - 110	
2,4,6-Trichlorophenol	667	319	48	12 - 110	
2,4-Dichlorophenol	667	532	80	39 - 110	
2,4-Dimethylphenol	667	462	69	29 - 110	
2,4-Dinitrophenol	1330	481	36	10 - 110	
2,4-Dinitrotoluene	667	605	91	48 - 110	
2,6-Dinitrotoluene	667	563	84	45 - 110	
2-Chloronaphthalene	667	523	78	32 - 110	
2-Chlorophenol	667	528	79	37 - 110	
2-Methylnaphthalene	667	550	83	36 - 110	
2-Methylphenol	667	576	86	41 - 110	
2-Nitroaniline	667	596	89	45 - 110	
2-Nitrophenol	667	584	88	34 - 110	
3,3'-Dichlorobenzidine	1330	900	68	28 - 110	
3-Nitroaniline	667	497	75	44 - 110	
4,6-Dinitro-2-methylphenol	1330	716	54	10 - 110	
4-Bromophenyl phenyl ether	667	571	86	39 - 110	
4-Chloro-3-methylphenol	667	571	86	48 - 110	
4-Chloroaniline	667	395	59	30 - 110	
4-Chlorophenyl phenyl ether	667	549	82	40 - 110	
4-Nitroaniline	667	588	88	48 - 110	
4-Nitrophenol	1330	1060	80	28 - 110	
Acenaphthene	667	533	80	38 - 110	
Acenaphthylene	667	532	80	40 - 110	
Acetophenone	667	551	83	40 - 110	
Anthracene	667	545	82	48 - 110	
Atrazine	1330	1240	93	54 - 120	
Benzaldehyde	1330	1150	86	32 - 110	
Benzo[a]anthracene	667	553	83	50 - 110	
Benzo[a]pyrene	667	592	89	44 - 110	
Benzo[b]fluoranthene	667	592	89	43 - 110	
Benzo[g,h,i]perylene	667	573	86	51 - 110	
Benzo[k]fluoranthene	667	571	86	38 - 105	
Bis(2-chloroethoxy)methane	667	537	80	32 - 110	
Bis(2-chloroethyl)ether	667	533	80	34 - 110	
Bis(2-ethylhexyl) phthalate	667	662	99	50 - 110	
Butyl benzyl phthalate	667	604	91	51 - 110	
Caprolactam	1330	1110	83	44 - 114	
Carbazole	667	564	85	50 - 110	
Chrysene	667	550	83	50 - 110	
Dibenz(a,h)anthracene	667	620	93	51 - 110	
Dibenzofuran	667	548	82	43 - 110	
Diethyl phthalate	667	618	93	52 - 110	
Dimethyl phthalate	667	572	86	50 - 110	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-205786

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-205786/24-A	Analysis Batch:	240-206256	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-205786	Lab File ID:	51111005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1051	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 0612			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	667	583	88	51 - 110	
Di-n-octyl phthalate	667	628	94	48 - 110	
Fluoranthene	667	539	81	51 - 110	
Fluorene	667	550	83	46 - 110	
Hexachlorobenzene	667	553	83	43 - 110	
Hexachlorobutadiene	667	559	84	29 - 110	
Hexachlorocyclopentadiene	667	240	36	12 - 110	J
Hexachloroethane	667	539	81	30 - 110	
Indeno[1,2,3-cd]pyrene	667	606	91	50 - 110	
Isophorone	667	547	82	36 - 110	
N-Nitrosodi-n-propylamine	667	563	84	38 - 110	
N-Nitrosodiphenylamine	1330	1180	89	46 - 110	
Naphthalene	667	537	81	36 - 110	
Nitrobenzene	667	550	83	32 - 110	
Pentachlorophenol	1330	584	44	10 - 110	
Phenanthrene	667	547	82	49 - 110	
Phenol	667	542	81	38 - 110	
Pyrene	667	574	86	49 - 110	
3 & 4 Methylphenol	667	526	79	40 - 110	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	93	36 - 110
Phenol-d5 (Surr)	79	26 - 110
Nitrobenzene-d5 (Surr)	79	20 - 110
2-Fluorophenol (Surr)	79	24 - 110
2-Fluorobiphenyl (Surr)	81	24 - 110
2,4,6-Tribromophenol (Surr)	44	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205866

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-205866/8-A	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 0954	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	3.5	U	3.5	50
bis (2-chloroisopropyl) ether	9.5	U	9.5	100
2,4,5-Trichlorophenol	25	U	25	150
2,4,6-Trichlorophenol	8.9	U	8.9	150
2,4-Dichlorophenol	20	U	20	150
2,4-Dimethylphenol	20	U	20	150
2,4-Dinitrophenol	21	U	21	330
2,4-Dinitrotoluene	17	U	17	200
2,6-Dinitrotoluene	21	U	21	200
2-Chloronaphthalene	0.45	U	0.45	50
2-Chlorophenol	8.2	U	8.2	50
2-Methylnaphthalene	0.50	U	0.50	6.7
2-Methylphenol	11	U	11	200
2-Nitroaniline	9.1	U	9.1	200
2-Nitrophenol	8.3	U	8.3	50
3,3'-Dichlorobenzidine	18	U	18	100
3-Nitroaniline	16	U	16	200
4,6-Dinitro-2-methylphenol	9.2	U	9.2	150
4-Bromophenyl phenyl ether	13	U	13	50
4-Chloro-3-methylphenol	21	U	21	150
4-Chloroaniline	17	U	17	150
4-Chlorophenyl phenyl ether	13	U	13	50
4-Nitroaniline	26	U	26	200
4-Nitrophenol	17	U	17	330
Acenaphthene	0.76	U	0.76	6.7
Acenaphthylene	0.35	U	0.35	6.7
Acetophenone	9.2	U	9.2	100
Anthracene	0.78	U	0.78	6.7
Atrazine	9.1	U	9.1	200
Benzaldehyde	12	U	12	100
Benzo[a]anthracene	0.63	U	0.63	6.7
Benzo[a]pyrene	0.64	U	0.64	6.7
Benzo[b]fluoranthene	0.59	U	0.59	6.7
Benzo[g,h,i]perylene	0.35	U	0.35	6.7
Benzo[k]fluoranthene	0.68	U	0.68	6.7
Bis(2-chloroethoxy)methane	22	U	22	100
Bis(2-chloroethyl)ether	2.0	U	2.0	100
Bis(2-ethylhexyl) phthalate	19	U	19	70
Butyl benzyl phthalate	10	U	10	70
Caprolactam	37	U	37	330
Carbazole	27	U	27	50
Chrysene	1.1	U	1.1	6.7
Dibenz(a,h)anthracene	0.66	U	0.66	6.7
Dibenzofuran	0.66	U	0.66	50
Diethyl phthalate	16	U	16	70

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205866

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-205866/8-A	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 0954	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dimethyl phthalate	17	U	17	70
Di-n-butyl phthalate	15	U	15	70
Di-n-octyl phthalate	7.9	U	7.9	70
Fluoranthene	0.55	U	0.55	6.7
Fluorene	0.53	U	0.53	6.7
Hexachlorobenzene	2.1	U	2.1	6.7
Hexachlorobutadiene	5.6	U	5.6	50
Hexachlorocyclopentadiene	8.1	U	8.1	330
Hexachloroethane	9.0	U	9.0	50
Indeno[1,2,3-cd]pyrene	0.35	U	0.35	6.7
Isophorone	13	U	13	50
N-Nitrosodi-n-propylamine	6.3	U	6.3	50
N-Nitrosodiphenylamine	21	U	21	50
Naphthalene	0.82	U	0.82	6.7
Nitrobenzene	2.2	U	2.2	100
Pentachlorophenol	9.1	U	9.1	150
Phenanthrene	0.73	U	0.73	6.7
Phenol	7.3	U	7.3	50
Pyrene	0.44	U	0.44	6.7
3 & 4 Methylphenol	20	U	20	400

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	87	36 - 110
Phenol-d5 (Surr)	88	26 - 110
Nitrobenzene-d5 (Surr)	78	20 - 110
2-Fluorophenol (Surr)	81	24 - 110
2-Fluorobiphenyl (Surr)	76	24 - 110
2,4,6-Tribromophenol (Surr)	49	10 - 110

Lab Control Sample - Batch: 240-205866

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-205866/9-A	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1019	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	667	396	59	35 - 110	
bis (2-chloroisopropyl) ether	667	514	77	29 - 110	
2,4,5-Trichlorophenol	667	325	49	25 - 110	
2,4,6-Trichlorophenol	667	243	37	12 - 110	
2,4-Dichlorophenol	667	446	67	39 - 110	
2,4-Dimethylphenol	667	444	67	29 - 110	
2,4-Dinitrophenol	1330	464	35	10 - 110	
2,4-Dinitrotoluene	667	473	71	48 - 110	
2,6-Dinitrotoluene	667	462	69	45 - 110	
2-Chloronaphthalene	667	425	64	32 - 110	
2-Chlorophenol	667	439	66	37 - 110	
2-Methylnaphthalene	667	428	64	36 - 110	
2-Methylphenol	667	438	66	41 - 110	
2-Nitroaniline	667	548	82	45 - 110	
2-Nitrophenol	667	459	69	34 - 110	
3,3'-Dichlorobenzidine	1330	946	71	28 - 110	
3-Nitroaniline	667	446	67	44 - 110	
4,6-Dinitro-2-methylphenol	1330	724	54	10 - 110	
4-Bromophenyl phenyl ether	667	468	70	39 - 110	
4-Chloro-3-methylphenol	667	444	67	48 - 110	
4-Chloroaniline	667	366	55	30 - 110	
4-Chlorophenyl phenyl ether	667	412	62	40 - 110	
4-Nitroaniline	667	452	68	48 - 110	
4-Nitrophenol	1330	804	60	28 - 110	
Acenaphthene	667	386	58	38 - 110	
Acenaphthylene	667	400	60	40 - 110	
Acetophenone	667	424	64	40 - 110	
Anthracene	667	462	69	48 - 110	
Atrazine	1330	1140	86	54 - 120	
Benzaldehyde	1330	1090	82	32 - 110	
Benzo[a]anthracene	667	451	68	50 - 110	
Benzo[a]pyrene	667	491	74	44 - 110	
Benzo[b]fluoranthene	667	559	84	43 - 110	
Benzo[g,h,i]perylene	667	467	70	51 - 110	
Benzo[k]fluoranthene	667	429	64	38 - 105	
Bis(2-chloroethoxy)methane	667	489	73	32 - 110	
Bis(2-chloroethyl)ether	667	503	75	34 - 110	
Bis(2-ethylhexyl) phthalate	667	544	82	50 - 110	
Butyl benzyl phthalate	667	512	77	51 - 110	
Caprolactam	1330	1000	75	44 - 114	
Carbazole	667	536	80	50 - 110	
Chrysene	667	442	66	50 - 110	
Dibenz(a,h)anthracene	667	513	77	51 - 110	
Dibenzofuran	667	406	61	43 - 110	
Diethyl phthalate	667	418	63	52 - 110	
Dimethyl phthalate	667	455	68	50 - 110	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Control Sample - Batch: 240-205866

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-205866/9-A	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1019	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	667	538	81	51 - 110	
Di-n-octyl phthalate	667	448	67	48 - 110	
Fluoranthene	667	500	75	51 - 110	
Fluorene	667	426	64	46 - 110	
Hexachlorobenzene	667	496	74	43 - 110	
Hexachlorobutadiene	667	392	59	29 - 110	
Hexachlorocyclopentadiene	667	244	37	12 - 110	J
Hexachloroethane	667	423	63	30 - 110	
Indeno[1,2,3-cd]pyrene	667	505	76	50 - 110	
Isophorone	667	513	77	36 - 110	
N-Nitrosodi-n-propylamine	667	592	89	38 - 110	
N-Nitrosodiphenylamine	1330	987	74	46 - 110	
Naphthalene	667	387	58	36 - 110	
Nitrobenzene	667	506	76	32 - 110	
Pentachlorophenol	1330	573	43	10 - 110	
Phenanthrene	667	439	66	49 - 110	
Phenol	667	537	81	38 - 110	
Pyrene	667	481	72	49 - 110	
3 & 4 Methylphenol	667	432	65	40 - 110	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	76	36 - 110
Phenol-d5 (Surr)	75	26 - 110
Nitrobenzene-d5 (Surr)	76	20 - 110
2-Fluorophenol (Surr)	72	24 - 110
2-Fluorobiphenyl (Surr)	64	24 - 110
2,4,6-Tribromophenol (Surr)	33	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205866

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.05 g
Analysis Date:	11/11/2015 1652			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.93 g
Analysis Date:	11/11/2015 1717			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	66	54	32 - 110	20	32		
bis (2-chloroisopropyl) ether	83	69	11 - 110	19	42		
2,4,5-Trichlorophenol	37	27	10 - 117	33	99		
2,4,6-Trichlorophenol	41	39	10 - 110	4	38		
2,4-Dichlorophenol	57	47	10 - 110	19	34		
2,4-Dimethylphenol	35	37	10 - 110	4	31		
2,4-Dinitrophenol	60	52	10 - 110	14	99		
2,4-Dinitrotoluene	79	75	32 - 110	4	30		
2,6-Dinitrotoluene	77	70	35 - 110	9	30		
2-Chloronaphthalene	70	58	28 - 110	18	30		
2-Chlorophenol	65	54	10 - 110	18	47		
2-Methylnaphthalene	68	56	10 - 133	19	42		
2-Methylphenol	50	53	24 - 110	6	51		
2-Nitroaniline	91	83	39 - 110	9	31		
2-Nitrophenol	76	63	10 - 110	19	49		
3,3'-Dichlorobenzidine	76	77	10 - 110	2	56		
3-Nitroaniline	68	71	10 - 110	3	30		
4,6-Dinitro-2-methylphenol	69	64	10 - 110	8	55		
4-Bromophenyl phenyl ether	76	68	33 - 110	11	30		
4-Chloro-3-methylphenol	30	35	25 - 110	16	54		
4-Chloroaniline	50	50	10 - 110	0	36		
4-Chlorophenyl phenyl ether	69	61	32 - 110	12	30		
4-Nitroaniline	73	69	10 - 110	5	48		
4-Nitrophenol	25	29	10 - 113	15	49	J	
Acenaphthene	64	55	22 - 110	15	99		
Acenaphthylene	67	57	24 - 110	16	99		
Acetophenone	70	57	31 - 110	20	43		
Anthracene	75	67	20 - 110	11	99		
Atrazine	93	83	45 - 118	11	30		
Benzaldehyde	87	71	23 - 110	20	42		
Benzo[a]anthracene	71	69	10 - 122	4	99		
Benzo[a]pyrene	80	72	10 - 110	10	99		
Benzo[b]fluoranthene	87	82	12 - 118	5	99		

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205866

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.05 g
Analysis Date:	11/11/2015 1652			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206233	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-205866	Lab File ID:	51111025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.93 g
Analysis Date:	11/11/2015 1717			Final Weight/Volume:	2 mL
Prep Date:	11/09/2015 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[g,h,i]perylene	77	70	10 - 117	9	99		
Benzo[k]fluoranthene	72	62	10 - 121	14	99		
Bis(2-chloroethoxy)methane	78	64	26 - 110	21	37		
Bis(2-chloroethyl)ether	78	68	21 - 110	14	55		
Bis(2-ethylhexyl) phthalate	87	85	40 - 110	3	30		
Butyl benzyl phthalate	83	79	44 - 110	5	30		
Caprolactam	81	75	10 - 134	8	32		
Carbazole	86	77	34 - 110	10	30		
Chrysene	70	67	10 - 125	4	99		
Dibenz(a,h)anthracene	82	76	14 - 113	7	99		
Dibenzofuran	69	59	29 - 110	15	30		
Diethyl phthalate	70	65	42 - 110	7	30		
Dimethyl phthalate	76	69	41 - 110	9	30		
Di-n-butyl phthalate	88	81	43 - 110	8	30		
Di-n-octyl phthalate	72	66	24 - 119	8	30		
Fluoranthene	80	74	10 - 110	7	99		
Fluorene	70	62	23 - 110	12	99		
Hexachlorobenzene	80	71	34 - 110	11	30		
Hexachlorobutadiene	61	51	25 - 110	18	34		
Hexachlorocyclopentadiene	28	24	10 - 110	16	79	J	J
Hexachloroethane	68	53	12 - 110	25	50		
Indeno[1,2,3-cd]pyrene	80	74	10 - 114	7	99		
Isophorone	84	69	29 - 110	19	38		
N-Nitrosodi-n-propylamine	97	79	26 - 110	21	42		
N-Nitrosodiphenylamine	81	72	22 - 110	11	30		
Naphthalene	61	51	10 - 111	17	99		
Nitrobenzene	81	66	23 - 110	21	41		
Pentachlorophenol	27	39	10 - 110	37	50		
Phenanthrene	72	65	10 - 166	9	99		
Phenol	51	53	17 - 110	6	53		
Pyrene	77	74	10 - 147	5	99		
3 & 4 Methylphenol	47	50	25 - 110	6	50	J	J

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Terphenyl-d14 (Surr)	80	77	36 - 110
Phenol-d5 (Surr)	62	53	26 - 110
Nitrobenzene-d5 (Surr)	78	65	20 - 110
2-Fluorophenol (Surr)	69	61	24 - 110
2-Fluorobiphenyl (Surr)	71	60	24 - 110
2,4,6-Tribromophenol (Surr)	30	36	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205866

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Units: ug/Kg	MSD Lab Sample ID:	240-57597-15	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/11/2015 1652		Analysis Date:	11/11/2015 1717	
Prep Date:	11/09/2015 1223		Prep Date:	11/09/2015 1223	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
1,1'-Biphenyl	4.1	U	778	781	511		419
bis (2-chloroisopropyl) ether	11	U	778	781	646		536
2,4,5-Trichlorophenol	29	U	778	781	290		208
2,4,6-Trichlorophenol	10	U	778	781	318		307
2,4-Dichlorophenol	23	U	778	781	444		368
2,4-Dimethylphenol	23	U	778	781	275		286
2,4-Dinitrophenol	24	U	1560	1560	940		819
2,4-Dinitrotoluene	20	U	778	781	616		589
2,6-Dinitrotoluene	24	U	778	781	597		546
2-Chloronaphthalene	0.52	U	778	781	546		455
2-Chlorophenol	9.6	U	778	781	504		422
2-Methylnaphthalene	0.58	U	778	781	528		437
2-Methylphenol	13	U	778	781	391		416
2-Nitroaniline	11	U	778	781	709		646
2-Nitrophenol	9.7	U	778	781	593		492
3,3'-Dichlorobenzidine	21	U	1560	1560	1180		1210
3-Nitroaniline	19	U	778	781	533		551
4,6-Dinitro-2-methylphenol	11	U	1560	1560	1080		996
4-Bromophenyl phenyl ether	15	U	778	781	592		532
4-Chloro-3-methylphenol	24	U	778	781	231		272
4-Chloroaniline	20	U	778	781	391		392
4-Chlorophenyl phenyl ether	15	U	778	781	537		476
4-Nitroaniline	30	U	778	781	570		541
4-Nitrophenol	20	U	1560	1560	383	J	446
Acenaphthene	0.89	U	778	781	501		432
Acenaphthylene	0.41	U	778	781	518		443
Acetophenone	11	U	778	781	542		442
Anthracene	0.91	U	778	781	585		523
Atrazine	11	U	1560	1560	1450		1300
Benzaldehyde	14	U	1560	1560	1350		1100
Benzo[a]anthracene	0.73	U	778	781	556		536
Benzo[a]pyrene	0.75	U	778	781	623		563
Benzo[b]fluoranthene	0.69	U	778	781	673		638
Benzo[g,h,i]perylene	0.41	U	778	781	598		545
Benzo[k]fluoranthene	0.79	U	778	781	562		486
Bis(2-chloroethoxy)methane	26	U	778	781	611		497
Bis(2-chloroethyl)ether	2.3	U	778	781	607		528
Bis(2-ethylhexyl) phthalate	22	J	778	781	679		661
Butyl benzyl phthalate	12	U	778	781	649		614
Caprolactam	43	U	1560	1560	1260		1170
Carbazole	31	U	778	781	666		604
Chrysene	1.3	U	778	781	544		521
Dibenz(a,h)anthracene	0.77	U	778	781	637		596

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205866

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Units: ug/Kg	MSD Lab Sample ID:	240-57597-15	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/11/2015 1652		Analysis Date:	11/11/2015 1717	
Prep Date:	11/09/2015 1223		Prep Date:	11/09/2015 1223	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dibenzofuran	0.77	U	778	781	536		463	
Diethyl phthalate	19	U	778	781	546		507	
Dimethyl phthalate	20	U	778	781	595		543	
Di-n-butyl phthalate	17	U	778	781	681		631	
Di-n-octyl phthalate	9.2	U	778	781	559		517	
Fluoranthene	0.64	U	778	781	621		577	
Fluorene	0.62	U	778	781	548		486	
Hexachlorobenzene	2.4	U	778	781	623		557	
Hexachlorobutadiene	6.5	U	778	781	472		395	
Hexachlorocyclopentadiene	9.4	U	778	781	219	J	186	J
Hexachloroethane	10	U	778	781	526		411	
Indeno[1,2,3-cd]pyrene	0.41	U	778	781	622		578	
Isophorone	15	U	778	781	651		540	
N-Nitrosodi-n-propylamine	7.3	U	778	781	757		615	
N-Nitrosodiphenylamine	24	U	1560	1560	1270		1130	
Naphthalene	0.96	U	778	781	473		397	
Nitrobenzene	2.6	U	778	781	633		515	
Pentachlorophenol	11	U	1560	1560	423		617	
Phenanthrene	0.85	U	778	781	557		510	
Phenol	8.5	U	778	781	395		418	
Pyrene	0.51	U	778	781	603		575	
3 & 4 Methylphenol	23	U	778	781	368	J	392	J

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206227

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-206227/1-A	Analysis Batch:	240-206211	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206227	Lab File ID:	A0111107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 0956	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0658			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	46	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	73	40 - 139

Lab Control Sample - Batch: 240-206227

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-206227/2-A	Analysis Batch:	240-206211	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206227	Lab File ID:	A0111108.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/11/2015 1031	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0658			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	786	98	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	95	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206227

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206211	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206227	Lab File ID:	A0111126.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.04 g
Analysis Date:	11/11/2015 2140			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0658			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206211	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206227	Lab File ID:	A0111127.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.05 g
Analysis Date:	11/11/2015 2217			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0658			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics [C6 - C10]	92	22	10 - 136	122	40		F2

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	99	40	40 - 139

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206227

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57597-15	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/11/2015 2140		
Prep Date:	11/11/2015 0658		
Leach Date:	N/A		

MSD Lab Sample ID:	240-57597-15
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/11/2015 2217
Prep Date:	11/11/2015 0658
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Gasoline Range Organics [C6 - C10]	54	U	928	926	856	206	F2

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-206444

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-206444/1-A	Analysis Batch:	240-206404	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206444	Lab File ID:	A0111205.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/12/2015 0803	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 0559			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	46	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	72	40 - 139

Lab Control Sample - Batch: 240-206444

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-206444/2-A	Analysis Batch:	240-206404	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-206444	Lab File ID:	A0111206.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/12/2015 0840	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/12/2015 0559			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	787	98	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	100	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205788

Method: 8015C
Preparation: 3540C

Lab Sample ID:	MB 240-205788/22-A	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-205788	Lab File ID:	P5B11008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/10/2015 1659	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/09/2015 0940			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)	7.82	J	6.4	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	56	40 - 160

Lab Control Sample - Batch: 240-205788

Method: 8015C
Preparation: 3540C

Lab Sample ID:	LCS 240-205788/23-A	Analysis Batch:	240-206105	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-205788	Lab File ID:	P5B11009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/10/2015 1731	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/09/2015 0940			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	84.0	53.7	64	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	67	40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205788

Method: 8015C
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-205788	Lab File ID:	P5B11113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.63 g
Analysis Date:	11/11/2015 2108			Final Weight/Volume:	5 mL
Prep Date:	11/09/2015 0940			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206356	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-205788	Lab File ID:	P5B11114.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.20 g
Analysis Date:	11/11/2015 2139			Final Weight/Volume:	5 mL
Prep Date:	11/09/2015 0940			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel	75	80	10 - 124	4	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl (Surr)	81	73	40 - 160

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205788

Method: 8015C
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Units:	mg/Kg	MSD Lab Sample ID:	240-57597-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/11/2015 2108			Analysis Date:	11/11/2015 2139
Prep Date:	11/09/2015 0940			Prep Date:	11/09/2015 0940
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel	7.5	U	99.5	97.6	75.1	77.9

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Method Blank - Batch: 240-205809

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-205809/21-A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-205809	Lab File ID:	P4000026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1717	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	12	U	12	33
Aroclor-1221	16	U	16	33
Aroclor-1232	20	U	20	33
Aroclor-1242	11	U	11	33
Aroclor-1248	8.0	U	8.0	33
Aroclor-1254	14	U	14	33
Aroclor-1260	9.0	U	9.0	33

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	75	13 - 134
DCB Decachlorobiphenyl	89	10 - 155

Lab Control Sample - Batch: 240-205809

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-205809/22-A	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-205809	Lab File ID:	P4000027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/11/2015 1733	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	196	59	51 - 120	
Aroclor-1260	334	201	60	48 - 120	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	75	13 - 134
DCB Decachlorobiphenyl	85	10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205809

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-205809	Lab File ID:	P4000030.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.65 g
Analysis Date:	11/11/2015 1822			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57597-15	Analysis Batch:	240-206283	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-205809	Lab File ID:	P4000031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.78 g
Analysis Date:	11/11/2015 1839			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	62	58	17 - 141	9	56		
Aroclor-1260	66	61	19 - 137	9	55		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	81	77	13 - 134
DCB Decachlorobiphenyl	95	89	10 - 155

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-205809

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-57597-15	Units:	ug/Kg	MSD Lab Sample ID:	240-57597-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/11/2015 1822			Analysis Date:	11/11/2015 1839
Prep Date:	11/09/2015 0953			Prep Date:	11/09/2015 0953
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor-1016	14	U	394	393	244	229
Aroclor-1260	10	U	395	393	260	238

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Duplicate - Batch: 240-205828

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-57597-1	Analysis Batch:	240-205828	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/09/2015 1019	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	84	84	0.2	20	
Percent Moisture	16	16	0.9	20	

Duplicate - Batch: 240-205828

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-57597-10	Analysis Batch:	240-205828	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/09/2015 1019	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	87	87	0	20	
Percent Moisture	13	13	0.2	20	

DATA REPORTING QUALIFIERS

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-206051					
LCS 240-206051/5	Lab Control Sample	T	Solid	8260C	
MB 240-206089/1-A	Method Blank	T	Solid	8260C	240-206089
240-57597-1	F-VB-UST-1-14	T	Solid	8260C	240-206089
240-57597-2	F-VB-UST-2-14	T	Solid	8260C	240-206089
240-57597-3	F-VB-UST-3-14	T	Solid	8260C	240-206089
240-57597-4	F-VB-UST-4-14	T	Solid	8260C	240-206089
240-57597-5	F-VB-UST-5-14	T	Solid	8260C	240-206089
240-57597-5MS	Matrix Spike	T	Solid	8260C	240-206089
240-57597-5MSD	Matrix Spike Duplicate	T	Solid	8260C	240-206089
240-57597-6	F-VB-UST-6-14	T	Solid	8260C	240-206089
240-57597-7	F-VB-UST-7-14	T	Solid	8260C	240-206089
240-57597-8	F-VB-UST-8-14	T	Solid	8260C	240-206089
240-57597-9	F-VB-UST-9-14	T	Solid	8260C	240-206089
240-57597-10	F-VB-UST-10-14	T	Solid	8260C	240-206089
240-57597-11	F-VB-UST-11-14	T	Solid	8260C	240-206089
240-57597-12	F-VB-UST-12-14	T	Solid	8260C	240-206089
240-57597-13	F-VB-UST-13-14	T	Solid	8260C	240-206089
240-57597-14	F-VB-UST-14-14	T	Solid	8260C	240-206089
Prep Batch: 240-206089					
MB 240-206089/1-A	Method Blank	T	Solid	5030C	
240-57597-1	F-VB-UST-1-14	T	Solid	5030C	
240-57597-2	F-VB-UST-2-14	T	Solid	5030C	
240-57597-3	F-VB-UST-3-14	T	Solid	5030C	
240-57597-4	F-VB-UST-4-14	T	Solid	5030C	
240-57597-5	F-VB-UST-5-14	T	Solid	5030C	
240-57597-5MS	Matrix Spike	T	Solid	5030C	
240-57597-5MSD	Matrix Spike Duplicate	T	Solid	5030C	
240-57597-6	F-VB-UST-6-14	T	Solid	5030C	
240-57597-7	F-VB-UST-7-14	T	Solid	5030C	
240-57597-8	F-VB-UST-8-14	T	Solid	5030C	
240-57597-9	F-VB-UST-9-14	T	Solid	5030C	
240-57597-10	F-VB-UST-10-14	T	Solid	5030C	
240-57597-11	F-VB-UST-11-14	T	Solid	5030C	
240-57597-12	F-VB-UST-12-14	T	Solid	5030C	
240-57597-13	F-VB-UST-13-14	T	Solid	5030C	
240-57597-14	F-VB-UST-14-14	T	Solid	5030C	
Analysis Batch:240-206267					
LCS 240-206267/5	Lab Control Sample	T	Solid	8260C	
MB 240-206267/6	Method Blank	T	Solid	8260C	
240-57597-15	F-VB-UST-DUP	T	Solid	8260C	240-206305
240-57597-15MS	Matrix Spike	T	Solid	8260C	240-206305
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	8260C	240-206305

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-206305					
240-57597-15	F-VB-UST-DUP	T	Solid	5030C	
240-57597-15MS	Matrix Spike	T	Solid	5030C	
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	5030C	
Analysis Batch:240-206461					
LCS 240-206461/4	Lab Control Sample	T	Water	8260C	
MB 240-206461/6	Method Blank	T	Water	8260C	
240-57564-B-1 MS	Matrix Spike	T	Water	8260C	
240-57564-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
240-57597-16	TB-110515	T	Water	8260C	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-205786					
LCS 240-205786/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-205786/23-A	Method Blank	T	Solid	3540C	
240-57597-1	F-VB-UST-1-14	T	Solid	3540C	
240-57597-2	F-VB-UST-2-14	T	Solid	3540C	
240-57597-3	F-VB-UST-3-14	T	Solid	3540C	
240-57597-4	F-VB-UST-4-14	T	Solid	3540C	
240-57597-5	F-VB-UST-5-14	T	Solid	3540C	
240-57597-6	F-VB-UST-6-14	T	Solid	3540C	
240-57597-7	F-VB-UST-7-14	T	Solid	3540C	
240-57597-8	F-VB-UST-8-14	T	Solid	3540C	
240-57597-9	F-VB-UST-9-14	T	Solid	3540C	
240-57597-10	F-VB-UST-10-14	T	Solid	3540C	
Prep Batch: 240-205866					
LCS 240-205866/9-A	Lab Control Sample	T	Solid	3540C	
MB 240-205866/8-A	Method Blank	T	Solid	3540C	
240-57597-11	F-VB-UST-11-14	T	Solid	3540C	
240-57597-12	F-VB-UST-12-14	T	Solid	3540C	
240-57597-13	F-VB-UST-13-14	T	Solid	3540C	
240-57597-14	F-VB-UST-14-14	T	Solid	3540C	
240-57597-15	F-VB-UST-DUP	T	Solid	3540C	
240-57597-15MS	Matrix Spike	T	Solid	3540C	
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	3540C	
Analysis Batch:240-206233					
LCS 240-205866/9-A	Lab Control Sample	T	Solid	8270D	240-205866
MB 240-205866/8-A	Method Blank	T	Solid	8270D	240-205866
240-57597-11	F-VB-UST-11-14	T	Solid	8270D	240-205866
240-57597-12	F-VB-UST-12-14	T	Solid	8270D	240-205866
240-57597-13	F-VB-UST-13-14	T	Solid	8270D	240-205866
240-57597-14	F-VB-UST-14-14	T	Solid	8270D	240-205866
240-57597-15	F-VB-UST-DUP	T	Solid	8270D	240-205866
240-57597-15MS	Matrix Spike	T	Solid	8270D	240-205866
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	8270D	240-205866

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-206256					
LCS 240-205786/24-A	Lab Control Sample	T	Solid	8270D	240-205786
MB 240-205786/23-A	Method Blank	T	Solid	8270D	240-205786
240-57597-1	F-VB-UST-1-14	T	Solid	8270D	240-205786
240-57597-2	F-VB-UST-2-14	T	Solid	8270D	240-205786
240-57597-3	F-VB-UST-3-14	T	Solid	8270D	240-205786
240-57597-4	F-VB-UST-4-14	T	Solid	8270D	240-205786
240-57597-5	F-VB-UST-5-14	T	Solid	8270D	240-205786
240-57597-6	F-VB-UST-6-14	T	Solid	8270D	240-205786
240-57597-7	F-VB-UST-7-14	T	Solid	8270D	240-205786
240-57597-8	F-VB-UST-8-14	T	Solid	8270D	240-205786
240-57597-9	F-VB-UST-9-14	T	Solid	8270D	240-205786
240-57597-10	F-VB-UST-10-14	T	Solid	8270D	240-205786

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:240-206211					
LCS 240-206227/2-A	Lab Control Sample	T	Solid	8015C	240-206227
MB 240-206227/1-A	Method Blank	T	Solid	8015C	240-206227
240-57597-1	F-VB-UST-1-14	T	Solid	8015C	240-206227
240-57597-2	F-VB-UST-2-14	T	Solid	8015C	240-206227
240-57597-3	F-VB-UST-3-14	T	Solid	8015C	240-206227
240-57597-4	F-VB-UST-4-14	T	Solid	8015C	240-206227
240-57597-6	F-VB-UST-6-14	T	Solid	8015C	240-206227
240-57597-7	F-VB-UST-7-14	T	Solid	8015C	240-206227
240-57597-8	F-VB-UST-8-14	T	Solid	8015C	240-206227
240-57597-9	F-VB-UST-9-14	T	Solid	8015C	240-206227
240-57597-10	F-VB-UST-10-14	T	Solid	8015C	240-206227
240-57597-11	F-VB-UST-11-14	T	Solid	8015C	240-206227
240-57597-12	F-VB-UST-12-14	T	Solid	8015C	240-206227
240-57597-13	F-VB-UST-13-14	T	Solid	8015C	240-206227
240-57597-14	F-VB-UST-14-14	T	Solid	8015C	240-206227
240-57597-15	F-VB-UST-DUP	T	Solid	8015C	240-206227
240-57597-15MS	Matrix Spike	T	Solid	8015C	240-206227
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	8015C	240-206227
Prep Batch: 240-206227					
LCS 240-206227/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-206227/1-A	Method Blank	T	Solid	5030A	
240-57597-1	F-VB-UST-1-14	T	Solid	5030A	
240-57597-2	F-VB-UST-2-14	T	Solid	5030A	
240-57597-3	F-VB-UST-3-14	T	Solid	5030A	
240-57597-4	F-VB-UST-4-14	T	Solid	5030A	
240-57597-6	F-VB-UST-6-14	T	Solid	5030A	
240-57597-7	F-VB-UST-7-14	T	Solid	5030A	
240-57597-8	F-VB-UST-8-14	T	Solid	5030A	
240-57597-9	F-VB-UST-9-14	T	Solid	5030A	
240-57597-10	F-VB-UST-10-14	T	Solid	5030A	
240-57597-11	F-VB-UST-11-14	T	Solid	5030A	
240-57597-12	F-VB-UST-12-14	T	Solid	5030A	
240-57597-13	F-VB-UST-13-14	T	Solid	5030A	
240-57597-14	F-VB-UST-14-14	T	Solid	5030A	
240-57597-15	F-VB-UST-DUP	T	Solid	5030A	
240-57597-15MS	Matrix Spike	T	Solid	5030A	
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	5030A	
Analysis Batch:240-206404					
LCS 240-206444/2-A	Lab Control Sample	T	Solid	8015C	240-206444
MB 240-206444/1-A	Method Blank	T	Solid	8015C	240-206444
240-57597-5	F-VB-UST-5-14	T	Solid	8015C	240-206444

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 240-206444					
LCS 240-206444/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-206444/1-A	Method Blank	T	Solid	5030A	
240-57597-5	F-VB-UST-5-14	T	Solid	5030A	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-205788					
LCS 240-205788/23-A	Lab Control Sample	T	Solid	3540C	
MB 240-205788/22-A	Method Blank	T	Solid	3540C	
240-57597-1	F-VB-UST-1-14	T	Solid	3540C	
240-57597-2	F-VB-UST-2-14	T	Solid	3540C	
240-57597-3	F-VB-UST-3-14	T	Solid	3540C	
240-57597-4	F-VB-UST-4-14	T	Solid	3540C	
240-57597-5	F-VB-UST-5-14	T	Solid	3540C	
240-57597-6	F-VB-UST-6-14	T	Solid	3540C	
240-57597-7	F-VB-UST-7-14	T	Solid	3540C	
240-57597-8	F-VB-UST-8-14	T	Solid	3540C	
240-57597-9	F-VB-UST-9-14	T	Solid	3540C	
240-57597-10	F-VB-UST-10-14	T	Solid	3540C	
240-57597-11	F-VB-UST-11-14	T	Solid	3540C	
240-57597-12	F-VB-UST-12-14	T	Solid	3540C	
240-57597-13	F-VB-UST-13-14	T	Solid	3540C	
240-57597-14	F-VB-UST-14-14	T	Solid	3540C	
240-57597-15	F-VB-UST-DUP	T	Solid	3540C	
240-57597-15MS	Matrix Spike	T	Solid	3540C	
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	3540C	
Prep Batch: 240-205809					
LCS 240-205809/22-A	Lab Control Sample	T	Solid	3540C	
MB 240-205809/21-A	Method Blank	T	Solid	3540C	
240-57597-1	F-VB-UST-1-14	T	Solid	3540C	
240-57597-2	F-VB-UST-2-14	T	Solid	3540C	
240-57597-3	F-VB-UST-3-14	T	Solid	3540C	
240-57597-4	F-VB-UST-4-14	T	Solid	3540C	
240-57597-5	F-VB-UST-5-14	T	Solid	3540C	
240-57597-6	F-VB-UST-6-14	T	Solid	3540C	
240-57597-7	F-VB-UST-7-14	T	Solid	3540C	
240-57597-8	F-VB-UST-8-14	T	Solid	3540C	
240-57597-9	F-VB-UST-9-14	T	Solid	3540C	
240-57597-10	F-VB-UST-10-14	T	Solid	3540C	
240-57597-11	F-VB-UST-11-14	T	Solid	3540C	
240-57597-12	F-VB-UST-12-14	T	Solid	3540C	
240-57597-13	F-VB-UST-13-14	T	Solid	3540C	
240-57597-14	F-VB-UST-14-14	T	Solid	3540C	
240-57597-15	F-VB-UST-DUP	T	Solid	3540C	
240-57597-15MS	Matrix Spike	T	Solid	3540C	
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	3540C	

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-206105					
LCS 240-205788/23-A	Lab Control Sample	T	Solid	8015C	240-205788
MB 240-205788/22-A	Method Blank	T	Solid	8015C	240-205788
240-57597-1	F-VB-UST-1-14	T	Solid	8015C	240-205788
240-57597-2	F-VB-UST-2-14	T	Solid	8015C	240-205788
240-57597-3	F-VB-UST-3-14	T	Solid	8015C	240-205788
240-57597-4	F-VB-UST-4-14	T	Solid	8015C	240-205788
240-57597-5	F-VB-UST-5-14	T	Solid	8015C	240-205788
240-57597-6	F-VB-UST-6-14	T	Solid	8015C	240-205788
240-57597-7	F-VB-UST-7-14	T	Solid	8015C	240-205788
240-57597-8	F-VB-UST-8-14	T	Solid	8015C	240-205788
240-57597-9	F-VB-UST-9-14	T	Solid	8015C	240-205788
240-57597-10	F-VB-UST-10-14	T	Solid	8015C	240-205788
240-57597-11	F-VB-UST-11-14	T	Solid	8015C	240-205788
Analysis Batch:240-206283					
LCS 240-205809/22-A	Lab Control Sample	T	Solid	8082A	240-205809
MB 240-205809/21-A	Method Blank	T	Solid	8082A	240-205809
240-57597-1	F-VB-UST-1-14	T	Solid	8082A	240-205809
240-57597-2	F-VB-UST-2-14	T	Solid	8082A	240-205809
240-57597-3	F-VB-UST-3-14	T	Solid	8082A	240-205809
240-57597-4	F-VB-UST-4-14	T	Solid	8082A	240-205809
240-57597-5	F-VB-UST-5-14	T	Solid	8082A	240-205809
240-57597-6	F-VB-UST-6-14	T	Solid	8082A	240-205809
240-57597-7	F-VB-UST-7-14	T	Solid	8082A	240-205809
240-57597-8	F-VB-UST-8-14	T	Solid	8082A	240-205809
240-57597-9	F-VB-UST-9-14	T	Solid	8082A	240-205809
240-57597-10	F-VB-UST-10-14	T	Solid	8082A	240-205809
240-57597-11	F-VB-UST-11-14	T	Solid	8082A	240-205809
240-57597-12	F-VB-UST-12-14	T	Solid	8082A	240-205809
240-57597-13	F-VB-UST-13-14	T	Solid	8082A	240-205809
240-57597-14	F-VB-UST-14-14	T	Solid	8082A	240-205809
240-57597-15	F-VB-UST-DUP	T	Solid	8082A	240-205809
240-57597-15MS	Matrix Spike	T	Solid	8082A	240-205809
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	8082A	240-205809
Analysis Batch:240-206356					
240-57597-12	F-VB-UST-12-14	T	Solid	8015C	240-205788
240-57597-13	F-VB-UST-13-14	T	Solid	8015C	240-205788
240-57597-14	F-VB-UST-14-14	T	Solid	8015C	240-205788
240-57597-15	F-VB-UST-DUP	T	Solid	8015C	240-205788
240-57597-15MS	Matrix Spike	T	Solid	8015C	240-205788
240-57597-15MSD	Matrix Spike Duplicate	T	Solid	8015C	240-205788

Client: Tetra Tech, Inc. Job Number: 240-57597-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Report Basis					
T = Total					
General Chemistry					
Analysis Batch:240-205828					
240-57597-1	F-VB-UST-1-14	T	Solid	Moisture	
240-57597-1DU	Duplicate	T	Solid	Moisture	
240-57597-2	F-VB-UST-2-14	T	Solid	Moisture	
240-57597-3	F-VB-UST-3-14	T	Solid	Moisture	
240-57597-4	F-VB-UST-4-14	T	Solid	Moisture	
240-57597-5	F-VB-UST-5-14	T	Solid	Moisture	
240-57597-6	F-VB-UST-6-14	T	Solid	Moisture	
240-57597-7	F-VB-UST-7-14	T	Solid	Moisture	
240-57597-8	F-VB-UST-8-14	T	Solid	Moisture	
240-57597-9	F-VB-UST-9-14	T	Solid	Moisture	
240-57597-10	F-VB-UST-10-14	T	Solid	Moisture	
240-57597-10DU	Duplicate	T	Solid	Moisture	
240-57597-11	F-VB-UST-11-14	T	Solid	Moisture	
240-57597-12	F-VB-UST-12-14	T	Solid	Moisture	
240-57597-13	F-VB-UST-13-14	T	Solid	Moisture	
240-57597-14	F-VB-UST-14-14	T	Solid	Moisture	
240-57597-15	F-VB-UST-DUP	T	Solid	Moisture	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-1 **Client ID: F-VB-UST-1-14**

Sample Date/Time: 11/05/2015 09:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-1-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-1-A		240-206051	240-206089	11/10/2015 14:43	1	TAL CAN	TJL2
P:3540C	240-57597-E-1-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-1-A		240-206256	240-205786	11/11/2015 11:16	1	TAL CAN	JMG
P:5030A	240-57597-C-1-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-1-A		240-206211	240-206227	11/11/2015 11:08	1	TAL CAN	RTR
P:3540C	240-57597-D-1-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-1-A		240-206105	240-205788	11/10/2015 20:07	1	TAL CAN	DEB
P:3540C	240-57597-E-1-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-1-B		240-206283	240-205809	11/11/2015 13:28	1	TAL CAN	LSH
A:Moisture	240-57597-A-1		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-1 DU **Client ID: F-VB-UST-1-14**

Sample Date/Time: 11/05/2015 09:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-57597-A-1 DU		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-2 **Client ID: F-VB-UST-2-14**

Sample Date/Time: 11/05/2015 09:02 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-2-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-2-A		240-206051	240-206089	11/10/2015 15:05	1	TAL CAN	TJL2
P:3540C	240-57597-D-2-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-D-2-A		240-206256	240-205786	11/11/2015 11:40	1	TAL CAN	JMG
P:5030A	240-57597-C-2-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-2-A		240-206211	240-206227	11/11/2015 11:45	1	TAL CAN	RTR
P:3540C	240-57597-E-2-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-E-2-A		240-206105	240-205788	11/10/2015 20:38	1	TAL CAN	DEB
P:3540C	240-57597-D-2-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-D-2-B		240-206283	240-205809	11/11/2015 13:45	1	TAL CAN	LSH
A:Moisture	240-57597-A-2		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-3 **Client ID: F-VB-UST-3-14**

Sample Date/Time: 11/05/2015 09:04 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-3-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-3-A		240-206051	240-206089	11/10/2015 15:26	1	TAL CAN	TJL2
P:3540C	240-57597-E-3-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-3-A		240-206256	240-205786	11/11/2015 12:05	1	TAL CAN	JMG
P:5030A	240-57597-C-3-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-3-A		240-206211	240-206227	11/11/2015 12:23	1	TAL CAN	RTR
P:3540C	240-57597-D-3-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-3-A		240-206105	240-205788	11/10/2015 21:10	1	TAL CAN	DEB
P:3540C	240-57597-E-3-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-3-B		240-206283	240-205809	11/11/2015 14:01	1	TAL CAN	LSH
A:Moisture	240-57597-A-3		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-4 **Client ID: F-VB-UST-4-14**

Sample Date/Time: 11/05/2015 09:06 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-4-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-4-A		240-206051	240-206089	11/10/2015 15:48	1	TAL CAN	TJL2
P:3540C	240-57597-E-4-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-4-A		240-206256	240-205786	11/11/2015 12:30	1	TAL CAN	JMG
P:5030A	240-57597-C-4-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-4-A		240-206211	240-206227	11/11/2015 13:00	1	TAL CAN	RTR
P:3540C	240-57597-D-4-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-4-A		240-206105	240-205788	11/10/2015 21:41	1	TAL CAN	DEB
P:3540C	240-57597-E-4-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-4-B		240-206283	240-205809	11/11/2015 14:17	1	TAL CAN	LSH
A:Moisture	240-57597-A-4		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-5 **Client ID: F-VB-UST-5-14**

Sample Date/Time: 11/05/2015 09:08 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-5-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-5-A		240-206051	240-206089	11/10/2015 16:09	1	TAL CAN	TJL2
P:3540C	240-57597-E-5-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-5-A		240-206256	240-205786	11/11/2015 12:54	1	TAL CAN	JMG
P:5030A	240-57597-C-5-B		240-206404	240-206444	11/12/2015 05:59	1	TAL CAN	RTR
A:8015C	240-57597-C-5-B		240-206404	240-206444	11/12/2015 09:17	1	TAL CAN	RTR
P:3540C	240-57597-D-5-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-5-A		240-206105	240-205788	11/10/2015 22:43	1	TAL CAN	DEB
P:3540C	240-57597-E-5-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-5-B		240-206283	240-205809	11/11/2015 14:33	1	TAL CAN	LSH
A:Moisture	240-57597-A-5		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-5 MS **Client ID: F-VB-UST-5-14**

Sample Date/Time: 11/05/2015 09:08 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-5-B MS		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-5-B MS		240-206051	240-206089	11/10/2015 16:30	1	TAL CAN	TJL2

Lab ID: 240-57597-5 MSD **Client ID: F-VB-UST-5-14**

Sample Date/Time: 11/05/2015 09:08 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-5-C MSD		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-5-C MSD		240-206051	240-206089	11/10/2015 16:52	1	TAL CAN	TJL2

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-6 **Client ID: F-VB-UST-6-14**

Sample Date/Time: 11/05/2015 09:10 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-6-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-6-A		240-206051	240-206089	11/10/2015 17:13	1	TAL CAN	TJL2
P:3540C	240-57597-E-6-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-6-A		240-206256	240-205786	11/11/2015 13:19	1	TAL CAN	JMG
P:5030A	240-57597-C-6-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-6-A		240-206211	240-206227	11/11/2015 14:13	1	TAL CAN	RTR
P:3540C	240-57597-D-6-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-6-A		240-206105	240-205788	11/10/2015 23:14	1	TAL CAN	DEB
P:3540C	240-57597-E-6-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-6-B		240-206283	240-205809	11/11/2015 14:50	1	TAL CAN	LSH
A:Moisture	240-57597-A-6		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-7 **Client ID: F-VB-UST-7-14**

Sample Date/Time: 11/05/2015 09:12 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-7-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-7-A		240-206051	240-206089	11/10/2015 17:35	1	TAL CAN	TJL2
P:3540C	240-57597-E-7-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-7-A		240-206256	240-205786	11/11/2015 13:44	1	TAL CAN	JMG
P:5030A	240-57597-C-7-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-7-A		240-206211	240-206227	11/11/2015 14:50	1	TAL CAN	RTR
P:3540C	240-57597-D-7-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-7-A		240-206105	240-205788	11/10/2015 23:46	1	TAL CAN	DEB
P:3540C	240-57597-E-7-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-7-B		240-206283	240-205809	11/11/2015 15:06	1	TAL CAN	LSH
A:Moisture	240-57597-A-7		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-8 **Client ID: F-VB-UST-8-14**

Sample Date/Time: 11/05/2015 09:14 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-8-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-8-A		240-206051	240-206089	11/10/2015 17:56	1	TAL CAN	TJL2
P:3540C	240-57597-D-8-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-D-8-A		240-206256	240-205786	11/11/2015 14:08	1	TAL CAN	JMG
P:5030A	240-57597-C-8-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-8-A		240-206211	240-206227	11/11/2015 15:27	1	TAL CAN	RTR
P:3540C	240-57597-E-8-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-E-8-A		240-206105	240-205788	11/11/2015 00:17	1	TAL CAN	DEB
P:3540C	240-57597-D-8-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-D-8-B		240-206283	240-205809	11/11/2015 15:23	1	TAL CAN	LSH
A:Moisture	240-57597-A-8		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-9 **Client ID: F-VB-UST-9-14**

Sample Date/Time: 11/05/2015 09:16 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-9-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-9-A		240-206051	240-206089	11/10/2015 18:18	1	TAL CAN	TJL2
P:3540C	240-57597-E-9-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-9-A		240-206256	240-205786	11/11/2015 14:33	1	TAL CAN	JMG
P:5030A	240-57597-C-9-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-9-A		240-206211	240-206227	11/11/2015 17:19	1	TAL CAN	RTR
P:3540C	240-57597-D-9-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-9-A		240-206105	240-205788	11/11/2015 00:48	1	TAL CAN	DEB
P:3540C	240-57597-E-9-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-9-B		240-206283	240-205809	11/11/2015 15:39	1	TAL CAN	LSH
A:Moisture	240-57597-A-9		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-10 **Client ID: F-VB-UST-10-14**

Sample Date/Time: 11/05/2015 09:18 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-10-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-10-A		240-206051	240-206089	11/10/2015 18:39	1	TAL CAN	TJL2
P:3540C	240-57597-E-10-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	240-57597-E-10-A		240-206256	240-205786	11/11/2015 14:57	1	TAL CAN	JMG
P:5030A	240-57597-C-10-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-10-A		240-206211	240-206227	11/11/2015 17:57	1	TAL CAN	RTR
P:3540C	240-57597-D-10-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-10-A		240-206105	240-205788	11/11/2015 01:19	1	TAL CAN	DEB
P:3540C	240-57597-E-10-B		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-10-B		240-206283	240-205809	11/11/2015 15:55	1	TAL CAN	LSH
A:Moisture	240-57597-A-10		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-10 DU **Client ID: F-VB-UST-10-14**

Sample Date/Time: 11/05/2015 09:18 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-57597-A-10 DU		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-11 **Client ID: F-VB-UST-11-14**

Sample Date/Time: 11/05/2015 09:20 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-11-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-11-A		240-206051	240-206089	11/10/2015 19:01	1	TAL CAN	TJL2
P:3540C	240-57597-E-11-B		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-E-11-B		240-206233	240-205866	11/11/2015 14:50	1	TAL CAN	MRU
P:5030A	240-57597-C-11-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-11-A		240-206211	240-206227	11/11/2015 18:34	1	TAL CAN	RTR
P:3540C	240-57597-E-11-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-E-11-A		240-206105	240-205788	11/11/2015 01:50	1	TAL CAN	DEB
P:3540C	240-57597-D-11-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-D-11-A		240-206283	240-205809	11/11/2015 16:12	1	TAL CAN	LSH
A:Moisture	240-57597-A-11		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-12 **Client ID: F-VB-UST-12-14**

Sample Date/Time: 11/05/2015 09:22 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-12-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-12-A		240-206051	240-206089	11/10/2015 19:22	1	TAL CAN	TJL2
P:3540C	240-57597-E-12-B		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-E-12-B		240-206233	240-205866	11/11/2015 15:14	1	TAL CAN	MRU
P:5030A	240-57597-C-12-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-12-A		240-206211	240-206227	11/11/2015 19:12	1	TAL CAN	RTR
P:3540C	240-57597-E-12-A		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-E-12-A		240-206356	240-205788	11/11/2015 19:03	1	TAL CAN	DEB
P:3540C	240-57597-D-12-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-D-12-A		240-206283	240-205809	11/11/2015 16:28	1	TAL CAN	LSH
A:Moisture	240-57597-A-12		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-13 **Client ID: F-VB-UST-13-14**

Sample Date/Time: 11/05/2015 09:24 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-13-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-13-A		240-206051	240-206089	11/10/2015 19:44	1	TAL CAN	TJL2
P:3540C	240-57597-E-13-B		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-E-13-B		240-206233	240-205866	11/11/2015 15:39	1	TAL CAN	MRU
P:5030A	240-57597-C-13-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-13-A		240-206211	240-206227	11/11/2015 19:48	1	TAL CAN	RTR
P:3540C	240-57597-E-13-A		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-E-13-A		240-206356	240-205788	11/11/2015 19:34	1	TAL CAN	DEB
P:3540C	240-57597-D-13-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-D-13-A		240-206283	240-205809	11/11/2015 16:44	1	TAL CAN	LSH
A:Moisture	240-57597-A-13		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-14 **Client ID: F-VB-UST-14-14**

Sample Date/Time: 11/05/2015 09:26 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-14-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	240-57597-B-14-A		240-206051	240-206089	11/10/2015 20:05	1	TAL CAN	TJL2
P:3540C	240-57597-D-14-B		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-D-14-B		240-206233	240-205866	11/11/2015 16:03	1	TAL CAN	MRU
P:5030A	240-57597-C-14-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-14-A		240-206211	240-206227	11/11/2015 20:25	1	TAL CAN	RTR
P:3540C	240-57597-D-14-A		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-14-A		240-206356	240-205788	11/11/2015 20:06	1	TAL CAN	DEB
P:3540C	240-57597-E-14-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-14-A		240-206283	240-205809	11/11/2015 17:01	1	TAL CAN	LSH
A:Moisture	240-57597-A-14		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Lab ID: 240-57597-15 **Client ID: F-VB-UST-DUP**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-15-B		240-206267	240-206305	11/11/2015 11:03	1	TAL CAN	SAM
A:8260C	240-57597-B-15-B		240-206267	240-206305	11/11/2015 13:09	1	TAL CAN	SAM
P:3540C	240-57597-D-15-D		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-D-15-D		240-206233	240-205866	11/11/2015 16:28	1	TAL CAN	MRU
P:5030A	240-57597-C-15-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-15-A		240-206211	240-206227	11/11/2015 21:03	1	TAL CAN	RTR
P:3540C	240-57597-D-15-A		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-15-A		240-206356	240-205788	11/11/2015 20:37	1	TAL CAN	DEB
P:3540C	240-57597-E-15-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-15-A		240-206283	240-205809	11/11/2015 18:06	1	TAL CAN	LSH
A:Moisture	240-57597-A-15		240-205828		11/09/2015 10:19	1	TAL CAN	LCN

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-15 MS **Client ID: F-VB-UST-DUP**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-15-C MS		240-206267	240-206305	11/11/2015 11:03	1	TAL CAN	SAM
A:8260C	240-57597-B-15-C MS		240-206267	240-206305	11/11/2015 13:31	1	TAL CAN	SAM
P:3540C	240-57597-D-15-E MS		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-D-15-E MS		240-206233	240-205866	11/11/2015 16:52	1	TAL CAN	MRU
P:5030A	240-57597-C-15-B MS		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-15-B MS		240-206211	240-206227	11/11/2015 21:40	1	TAL CAN	RTR
P:3540C	240-57597-D-15-B MS		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-15-B MS		240-206356	240-205788	11/11/2015 21:08	1	TAL CAN	DEB
P:3540C	240-57597-E-15-B MS		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-15-B MS		240-206283	240-205809	11/11/2015 18:22	1	TAL CAN	LSH

Lab ID: 240-57597-15 MSD **Client ID: F-VB-UST-DUP**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-15-D MSD		240-206267	240-206305	11/11/2015 11:03	1	TAL CAN	SAM
A:8260C	240-57597-B-15-D MSD		240-206267	240-206305	11/11/2015 13:52	1	TAL CAN	SAM
P:3540C	240-57597-D-15-F MSD		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	240-57597-D-15-F MSD		240-206233	240-205866	11/11/2015 17:17	1	TAL CAN	MRU
P:5030A	240-57597-C-15-C MSD		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	240-57597-C-15-C MSD		240-206211	240-206227	11/11/2015 22:17	1	TAL CAN	RTR
P:3540C	240-57597-D-15-C MSD		240-206356	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	240-57597-D-15-C MSD		240-206356	240-205788	11/11/2015 21:39	1	TAL CAN	DEB
P:3540C	240-57597-E-15-C MSD		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	240-57597-E-15-C MSD		240-206283	240-205809	11/11/2015 18:39	1	TAL CAN	LSH

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: 240-57597-16 **Client ID: TB-110515**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/06/2015 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57597-B-16		240-206461		11/12/2015 12:33	1	TAL CAN	LEE
A:8260C	240-57597-B-16		240-206461		11/12/2015 12:33	1	TAL CAN	LEE

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 240-206089/1-A		240-206051	240-206089	11/10/2015 11:24	1	TAL CAN	SAM
A:8260C	MB 240-206089/1-A		240-206051	240-206089	11/10/2015 12:56	1	TAL CAN	TJL2
A:8260C	MB 240-206267/6		240-206267		11/11/2015 11:43	1	TAL CAN	SAM
P:5030C	MB 240-206461/6		240-206461		11/12/2015 12:11	1	TAL CAN	LEE
A:8260C	MB 240-206461/6		240-206461		11/12/2015 12:11	1	TAL CAN	LEE
P:3540C	MB 240-205866/8-A		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	MB 240-205866/8-A		240-206233	240-205866	11/11/2015 09:54	1	TAL CAN	MRU
P:3540C	MB 240-205786/23-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	MB 240-205786/23-A		240-206256	240-205786	11/11/2015 10:27	1	TAL CAN	JMG
P:5030A	MB 240-206227/1-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	MB 240-206227/1-A		240-206211	240-206227	11/11/2015 09:56	1	TAL CAN	RTR
P:5030A	MB 240-206444/1-A		240-206404	240-206444	11/12/2015 05:59	1	TAL CAN	RTR
A:8015C	MB 240-206444/1-A		240-206404	240-206444	11/12/2015 08:03	1	TAL CAN	RTR
P:3540C	MB 240-205788/22-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	MB 240-205788/22-A		240-206105	240-205788	11/10/2015 16:59	1	TAL CAN	DEB
P:3540C	MB 240-205809/21-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	MB 240-205809/21-A		240-206283	240-205809	11/11/2015 17:17	1	TAL CAN	LSH

Client: Tetra Tech, Inc. Job Number: 240-57597-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCS 240-206051/5		240-206051		11/10/2015 11:30	1	TAL CAN	TJL2
A:8260C	LCS 240-206267/5		240-206267		11/11/2015 11:22	1	TAL CAN	SAM
P:5030C	LCS 240-206461/4		240-206461		11/12/2015 11:03	1	TAL CAN	LEE
A:8260C	LCS 240-206461/4		240-206461		11/12/2015 11:03	1	TAL CAN	LEE
P:3540C	LCS 240-205866/9-A		240-206233	240-205866	11/09/2015 12:23	1	TAL CAN	YDN
A:8270D	LCS 240-205866/9-A		240-206233	240-205866	11/11/2015 10:19	1	TAL CAN	MRU
P:3540C	LCS 240-205786/24-A		240-206256	240-205786	11/09/2015 06:12	1	TAL CAN	YDN
A:8270D	LCS 240-205786/24-A		240-206256	240-205786	11/11/2015 10:51	1	TAL CAN	JMG
P:5030A	LCS 240-206227/2-A		240-206211	240-206227	11/11/2015 06:58	1	TAL CAN	RTR
A:8015C	LCS 240-206227/2-A		240-206211	240-206227	11/11/2015 10:31	1	TAL CAN	RTR
P:5030A	LCS 240-206444/2-A		240-206404	240-206444	11/12/2015 05:59	1	TAL CAN	RTR
A:8015C	LCS 240-206444/2-A		240-206404	240-206444	11/12/2015 08:40	1	TAL CAN	RTR
P:3540C	LCS 240-205788/23-A		240-206105	240-205788	11/09/2015 09:40	1	TAL CAN	YDN
A:8015C	LCS 240-205788/23-A		240-206105	240-205788	11/10/2015 17:31	1	TAL CAN	DEB
P:3540C	LCS 240-205809/22-A		240-206283	240-205809	11/09/2015 09:53	1	TAL CAN	YDN
A:8082A	LCS 240-205809/22-A		240-206283	240-205809	11/11/2015 17:33	1	TAL CAN	LSH

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 11/05/2015 12:10 Received Date/Time: 11/06/2015 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57564-B-1 MS		240-206461		11/12/2015 20:05	250	TAL CAN	LEE
A:8260C	240-57564-B-1 MS		240-206461		11/12/2015 20:05	250	TAL CAN	LEE

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 11/05/2015 12:10 Received Date/Time: 11/06/2015 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57564-B-1 MSD		240-206461		11/12/2015 20:27	250	TAL CAN	LEE
A:8260C	240-57564-B-1 MSD		240-206461		11/12/2015 20:27	250	TAL CAN	LEE

Lab References:
TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ex10PPMSPK_00018	04/30/19	08/21/15	MEOH, Lot 147358	1000 mL	ex1016/1260st_00001	3.8 mL	Aroclor-1016	10.0012 ug/mL
							Aroclor-1260	10.0062 ug/mL
					ex1016/1260st_00002	6.2 mL	Aroclor-1016	10.0012 ug/mL
							Aroclor-1260	10.0062 ug/mL
.ex1016/1260st_00001	04/30/19		Restek, Lot A092844		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
.ex1016/1260st_00002	05/31/21		Restek, Lot A0109056		(Purchased Reagent)		Aroclor-1016	1000.2 ug/mL
							Aroclor-1260	1001 ug/mL
ex2/.2SURRW_00062	07/13/17	10/26/15	MEOH, Lot 0000118655	2000 mL	EXPESTSURR_00001	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EXPESTSURR_00001	05/31/21		Restek, Lot A0108779		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
exBENZALDEHYD_00031	08/31/16	10/27/15	MEOH, Lot 0000099494	200 mL	EXLIST1_S11_00001	4 mL	Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
.EXLIST1_S11_00001	08/31/16		Restek, Lot A0108989		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
exBNASPIKE_00053	08/31/16	11/02/15	MEOH, Lot 0000099494	200 mL	exLIST1_S1_00004	4 mL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
					EXLIST1_S10_00001	4 mL	Benzoic acid	40 ug/mL
							Indene	40 ug/mL
					exLIST1_S9_00003	4 mL	3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
.exLIST1_S1_00004	12/31/16		Restek, Lot A0111934		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	500 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	500 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
.EXLIST1_S10_00001	08/31/16		Restek, Lot A0108988		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.exLIST1_S9_00003	01/31/17		Restek, Lot A0112567		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
exBNASURR W_00028	02/22/18	10/15/15	MEOH, Lot 0000099494	2000 mL	SMLIST1 SURR_00003	8 mL	2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
exDIESELspkw_00068	08/27/17	10/05/15	ACETONE, Lot 0000090987	200 mL	exDIESELstd_00003	10 mL	Diesel	2521.45 ug/mL
.exDIESELstd_00003	04/30/22		Restek, Lot A0109732		(Purchased Reagent)		Diesel	50429 ug/mL
exOTPSURRW_00006	12/31/18	10/17/15	MEOH, Lot 0000099494	1000 mL	exOTPstd_00002	20 mL	o-Terphenyl (Surr)	200 ug/mL
.exOTPstd_00002	12/31/18		Restek, Lot A0110923		(Purchased Reagent)		o-Terphenyl (Surr)	10000 ug/mL
Gas Surr Cali_00014	11/02/15	08/07/15	MeoH, Lot 1823933	10 mL	VGGASURROGATE_00032	1 mL	Trifluorotoluene (Surr)	5 ug/mL
.VGGASURROGATE_00032	08/22/15	05/22/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
..VGSURRSTKGAS_00019	08/31/16		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
SG1248@.05ppm_00018	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	Aroclor-1248	0.5 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	Aroclor-1248	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		Aroclor-1248	1000 ug/mL
SG1248@1.0ppm_00014	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@2.0ppm_00014	04/22/16	08/24/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660@.05PPM_00015	03/02/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00017	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00017	03/02/16	09/02/15	HEXANE, Lot 000017549	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00016	04/22/16	11/13/15	HEXANE, Lot 154006	100 mL	SG1660ICV@10_00008	2 mL	PCB-1016 Peak 1	0.00002 ug/mL
							PCB-1016 Peak 2	0.00002 ug/mL
							PCB-1016 Peak 3	0.00002 ug/mL
							PCB-1016 Peak 4	0.00002 ug/mL
							PCB-1016 Peak 5	0.00002 ug/mL
							PCB-1260 Peak 1	0.00002 ug/mL
							PCB-1260 Peak 2	0.00002 ug/mL
							PCB-1260 Peak 3	0.00002 ug/mL
							PCB-1260 Peak 4	0.00002 ug/mL
							PCB-1260 Peak 5	0.00002 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1660ICV@10_00008	05/13/16	11/13/15	HEXANE, Lot 0000101243	10 mL	SG 1016 ICV_00007	1 mL	PCB-1016 Peak 1	0.001 ug/mL
							PCB-1016 Peak 2	0.001 ug/mL
							PCB-1016 Peak 3	0.001 ug/mL
							PCB-1016 Peak 4	0.001 ug/mL
							PCB-1016 Peak 5	0.001 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SG 1260 ICV_00008	1 mL	PCB-1260 Peak 1	0.001 ug/mL
							PCB-1260 Peak 2	0.001 ug/mL
							PCB-1260 Peak 3	0.001 ug/mL
							PCB-1260 Peak 4	0.001 ug/mL
							PCB-1260 Peak 5	0.001 ug/mL
..SG 1016 ICV_00007	02/28/20		ultra, Lot CJ-0176		(Purchased Reagent)		PCB-1016 Peak 1	10 ug/L
							PCB-1016 Peak 2	10 ug/L
							PCB-1016 Peak 3	10 ug/L
							PCB-1016 Peak 4	10 ug/L
							PCB-1016 Peak 5	10 ug/L
..SG 1260 ICV_00008	02/28/17		Ultra, Lot CG-3829A		(Purchased Reagent)		PCB-1260 Peak 1	10 ug/L
							PCB-1260 Peak 2	10 ug/L
							PCB-1260 Peak 3	10 ug/L
							PCB-1260 Peak 4	10 ug/L
							PCB-1260 Peak 5	10 ug/L
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00056	03/02/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00017	5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00017	03/02/16	09/02/15	HEXANE, Lot 000017549	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00056	03/02/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00017	5 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
.SG1016/1260_00017	03/02/16	09/02/15	HEXANE, Lot 000017549	100 mL	SG1016/1260MX_00009	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660@1.0PPM_00013	03/02/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00017	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00017	03/02/16	09/02/15	HEXANE, Lot 000017549	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00014	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1660ICV@10_00008	20 mL	PCB-1016 Peak 1	0.0002 ug/mL
							PCB-1016 Peak 2	0.0002 ug/mL
							PCB-1016 Peak 3	0.0002 ug/mL
							PCB-1016 Peak 4	0.0002 ug/mL
							PCB-1016 Peak 5	0.0002 ug/mL
							PCB-1260 Peak 1	0.0002 ug/mL
							PCB-1260 Peak 2	0.0002 ug/mL
							PCB-1260 Peak 3	0.0002 ug/mL
							PCB-1260 Peak 4	0.0002 ug/mL
							PCB-1260 Peak 5	0.0002 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1660ICV@10_00008	05/13/16	11/13/15	HEXANE, Lot 0000101243	10 mL	SG 1016 ICV_00007	1 mL	PCB-1016 Peak 1	0.001 ug/mL
							PCB-1016 Peak 2	0.001 ug/mL
							PCB-1016 Peak 3	0.001 ug/mL
							PCB-1016 Peak 4	0.001 ug/mL
							PCB-1016 Peak 5	0.001 ug/mL
					SG 1260 ICV_00008	1 mL	PCB-1260 Peak 1	0.001 ug/mL
							PCB-1260 Peak 2	0.001 ug/mL
							PCB-1260 Peak 3	0.001 ug/mL
							PCB-1260 Peak 4	0.001 ug/mL
							PCB-1260 Peak 5	0.001 ug/mL
..SG 1016 ICV_00007	02/28/20		ultra, Lot CJ-0176		(Purchased Reagent)		PCB-1016 Peak 1	10 ug/L
							PCB-1016 Peak 2	10 ug/L
							PCB-1016 Peak 3	10 ug/L
							PCB-1016 Peak 4	10 ug/L
							PCB-1016 Peak 5	10 ug/L
..SG 1260 ICV_00008	02/28/17		Ultra, Lot CG-3829A		(Purchased Reagent)		PCB-1260 Peak 1	10 ug/L
							PCB-1260 Peak 2	10 ug/L
							PCB-1260 Peak 3	10 ug/L
							PCB-1260 Peak 4	10 ug/L
							PCB-1260 Peak 5	10 ug/L
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660ICV@1.0_00014	04/22/16	10/28/15	HEXANE, Lot 0000101243	10 mL	SGPCBIS STOCk_00003	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@1.0_00014	04/22/16	10/28/15	HEXANE, Lot 0000101243	10 mL	SG1660ICV@100_00005	0.1 mL	Aroclor-1016	1 ug/mL
							Aroclor-1260	1 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1660ICV@100_00005	10/28/16	10/28/15	HEXANE, Lot 0000101243	10 mL	SG 1660 ICV_00012	1 mL	Aroclor-1016	100 ug/mL
							Aroclor-1260	100 ug/mL
..SG 1660 ICV_00012	01/30/22		restek, Lot a0114674		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00015	03/02/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00017	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00017	03/02/16	09/02/15	HEXANE, Lot 000017549	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00010	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.2PPM_00012	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	Aroclor-1221	0.5 ug/mL
							Aroclor-1254	0.5 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	Aroclor-1221	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aroclor-1254	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
							Aroclor-1254	1000 ug/mL
SG2154@1.0PPM_00014	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	10 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@2.0PPM_00011	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.1PPM_00013	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.05PPM_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	0.5 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	2 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.1PPM_00006	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	1 mL	PCB-1232 Peak 1	100 ug/L
							PCB-1232 Peak 2	100 ug/L
							PCB-1232 Peak 3	100 ug/L
							PCB-1232 Peak 4	100 ug/L
							PCB-1232 Peak 5	100 ug/L
							PCB-1262 Peak 1	100 ug/L
							PCB-1262 Peak 2	100 ug/L
							PCB-1262 Peak 3	100 ug/L
							PCB-1262 Peak 4	100 ug/L
							PCB-1262 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	PCB-1232 Peak 1	500 ug/L
							PCB-1232 Peak 2	500 ug/L
							PCB-1232 Peak 3	500 ug/L
							PCB-1232 Peak 4	500 ug/L
							PCB-1232 Peak 5	500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 1	500 ug/L
							PCB-1262 Peak 2	500 ug/L
							PCB-1262 Peak 3	500 ug/L
							PCB-1262 Peak 4	500 ug/L
							PCB-1262 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	Aroclor-1232	500 ug/L
							PCB-1262	500 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	Aroclor-1232	10000 ug/L
							PCB-1262	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
							PCB-1262	1000 ug/mL
SG3262@1.0PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	10 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@2.0ppm_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	20 mL	PCB-1232 Peak 1	2000 ug/L
							PCB-1232 Peak 2	2000 ug/L
							PCB-1232 Peak 3	2000 ug/L
							PCB-1232 Peak 4	2000 ug/L
							PCB-1232 Peak 5	2000 ug/L
							PCB-1262 Peak 1	2000 ug/L
							PCB-1262 Peak 2	2000 ug/L
							PCB-1262 Peak 3	2000 ug/L
							PCB-1262 Peak 4	2000 ug/L
							PCB-1262 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG42/68@1.0PP_00008	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	10 mL	PCB-1242 Peak 1	1000 ug/L
							PCB-1242 Peak 2	1000 ug/L
							PCB-1242 Peak 3	1000 ug/L
							PCB-1242 Peak 4	1000 ug/L
							PCB-1242 Peak 5	1000 ug/L
							PCB-1268 Peak 1	1000 ug/L
							PCB-1268 Peak 2	1000 ug/L
							PCB-1268 Peak 3	1000 ug/L
							PCB-1268 Peak 4	1000 ug/L
							PCB-1268 Peak 5	1000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	0.5 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00006	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	1 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.2PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	2 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00007	12/24/15	06/24/15	HEXANE, Lot 0000086560	100 mL	SG42/6810PPM_00002	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG42/6810PPM_00003	5 mL	Aroclor-1242	500 ug/L
							PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
.SG42/6810PPM_00003	10/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG 42/68 STK_00001	1 mL	Aroclor-1242	10000 ug/L
							PCB-1242 Peak 1	10000 ug/L

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00001	04/30/21		RESTEK, Lot A0108269		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
							PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG4268@2.0PPM_00004	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	20 mL	PCB-1242 Peak 1	2000 ug/L
							PCB-1242 Peak 2	2000 ug/L
							PCB-1242 Peak 3	2000 ug/L
							PCB-1242 Peak 4	2000 ug/L
							PCB-1242 Peak 5	2000 ug/L
							PCB-1268 Peak 1	2000 ug/L
							PCB-1268 Peak 2	2000 ug/L
							PCB-1268 Peak 3	2000 ug/L
							PCB-1268 Peak 4	2000 ug/L
							PCB-1268 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SGDROCAL_00020	10/05/16	10/05/15	MECL2, Lot EXDCM_00187	25 mL	SGDROCALSTK_00019	5 mL	Diesel	10002.5 ug/mL
					SGDROSURROTP_00025	1 mL	o-Terphenyl (Surr)	800 ug/mL
					SGDROSURROTP_00026	1 mL	o-Terphenyl (Surr)	800 ug/mL
.SGDROCALSTK_00019	04/30/22		Restek, Lot A0109723		(Purchased Reagent)		Diesel	50005.8 ug/mL
.SGDROSURROTP_00025	09/30/18		Restek, Lot A0109488		(Purchased Reagent)		o-Terphenyl (Surr)	10062.7 ug/mL
.SGDROSURROTP_00026	09/30/18		Restek, Lot A0109488		(Purchased Reagent)		o-Terphenyl (Surr)	10062.7 ug/mL
SGDROICV_00015	08/26/16	08/26/15	MECL2, Lot 2091477	25 mL	SGDROICVSTK_00008	1 mL	Diesel	2006 ug/mL
.SGDROICVSTK_00008	08/31/18		Ultra, Lot CL-2929		(Purchased Reagent)		Diesel	50150 ug/mL
SGPCBISTD_00003	04/22/16	10/13/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00003	10 mL	1-Bromo-2-nitrobenzene	1 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SMIS80PPMW_00013	07/10/16	07/10/15	MECL2, Lot 0000103549	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
.SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 L1 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1PAH ST_00004	2 uL	1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1PAH ST_00004	05/31/16	01/26/15	MECL2, Lot 0000093871	3 mL	SMLIST1 PAH_00004	300 uL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SURR_00003	60 uL	2-Fluorobiphenyl (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 PAH_00004	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2-Fluorobiphenyl (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L2 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	10 uL	1,1'-Biphenyl	0.5 ug/mL
							1,2,4,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							1,3-Dinitrobenzene	0.5 ug/mL
							1,4-Dichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2,3,4,6-Tetrachlorophenol	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dichlorophenol	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							3-Nitroaniline	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							4-Nitrophenol	1 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Aniline	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Benzyl alcohol	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Hexadecane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							n-Decane	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenanthrene	0.5 ug/mL
							Phenol	0.5 ug/mL
							Pyrene	0.5 ug/mL
							Pyridine	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Indene	1 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L3 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	20 uL	1,1'-Biphenyl	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,3-Dinitrobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Hexadecane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	1 ug/mL
							Benzoic acid	2 ug/mL
							Indene	2 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L4 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	40 uL	1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,3-Dinitrobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Hexadecane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	2 ug/mL
							Benzoic acid	4 ug/mL
							Indene	4 ug/mL
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Phenol-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L5 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	100 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							1,3-Dinitrobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Nitroaniline	5 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Hexadecane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	5 ug/mL
							Benzoic acid	10 ug/mL
							Indene	10 ug/mL
							Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L6 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	200 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	10 ug/mL
							Benzoic acid	20 ug/mL
							Indene	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L7 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	300 uL	1,1'-Biphenyl	15 ug/mL
							1,2,4,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							1,3-Dinitrobenzene	15 ug/mL
							1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	15 ug/mL
							2,3,4,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL
							2,4-Dichlorophenol	15 ug/mL
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dichlorophenol	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL
							2-Chloronaphthalene	15 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitroaniline	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,6-Dinitro-2-methylphenol	30 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							4-Nitroaniline	15 ug/mL
							4-Nitrophenol	30 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Aniline	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Benzyl alcohol	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Hexadecane	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							n-Decane	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	30 ug/mL
							n-Octadecane	15 ug/mL
							Naphthalene	15 ug/mL
							Nitrobenzene	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenanthrene	15 ug/mL
							Phenol	15 ug/mL
							Pyrene	15 ug/mL
							Pyridine	15 ug/mL
							Benzoic acid	30 ug/mL
							Indene	30 ug/mL
							Atrazine	30 ug/mL
							Benzaldehyde	30 ug/mL
							Caprolactam	30 ug/mL
							3,3'-Dichlorobenzidine	30 ug/mL
							Benzidine	30 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L8 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	400 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
							Benzoic acid	40 ug/mL
							Indene	40 ug/mL
							Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
							3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L9 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	500 uL	1,1'-Biphenyl	25 ug/mL
							1,2,4,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dinitrobenzene	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2,3,4,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dichlorophenol	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitroaniline	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,6-Dinitro-2-methylphenol	50 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							4-Nitroaniline	25 ug/mL
							4-Nitrophenol	50 ug/mL
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aniline	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Benzyl alcohol	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL
							Dimethyl phthalate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Hexadecane	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							n-Decane	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	25 ug/mL
							Naphthalene	25 ug/mL
							Nitrobenzene	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenanthrene	25 ug/mL
							Phenol	25 ug/mL
							Pyrene	25 ug/mL
							Pyridine	25 ug/mL
							Benzoic acid	50 ug/mL
							Indene	50 ug/mL
							Atrazine	50 ug/mL
							Benzaldehyde	50 ug/mL
							Caprolactam	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMLIST1 SS ST_00005	200 uL	1,1'-Biphenyl	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Atrazine	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMLIST1 SS ST_00005	06/30/16	04/21/15	MECL2, Lot 0000103549	10 mL	SMLIST1 SS S1_00004	1 mL	1,1'-Biphenyl	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SS S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
					SMLIST1SS S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1SS SUR_00002	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 SS S1_00004	06/30/16		Restek, Lot A0107697		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SS S9_00001	07/31/16		Restek, Lot A0108170		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
..SMLIST1SS S11_00001	06/30/16		Restek, Lot A0108042		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMLIST1SS SUR_00002	09/30/18		Restek, Lot A092712		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
VGGASCALNEW_00014	09/22/15	06/23/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	C6-C12	100 ug/mL
							Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		C6-C12	2500 ug/mL
							Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCALNEW_00015	12/23/15	09/23/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCHK_00068	10/27/15	07/27/15	MEOH, Lot 49909	50 mL	VGASCHK_00002	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGASCHK_00002	10/30/19		AccuStandard, Lot B5040009-01		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	5 mg/mL
VGGASCHK_00070	02/04/16	11/04/15	MEOH, Lot 49909	50 mL	VGASCHK_00002	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGASCHK_00002	10/30/19		AccuStandard, Lot B5040009-01		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	5 mg/mL
VGGASURROGATE_00034	01/09/16	10/09/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00019	08/31/16		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00029	10/10/15	04/10/15	MEOH, Lot 0000085233	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16		Ultra Scientific, Lot CL-3192		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250-IS_00030	03/17/16	09/17/15	MEOH, Lot +1632000000099494jl	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16		Ultra Scientific, Lot CL-3192		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250SS_00031	11/29/15	05/29/15	MEOH, Lot +161620000085233JB	50 mL	VM567650_00021	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00021	04/30/19		Restek, Lot A0102817		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM250SS_00033	02/09/16	11/09/15	MEOH, Lot +171940000118655JM	50 mL	VM567650_00023	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM50IS_00050	12/11/15	06/11/15	MEOH, Lot 85233	100 mL	vm30241_00002	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00002	11/30/19		restek, Lot A0107133		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00213	09/02/15	08/26/15	MEOH, Lot na	2 mL	vm50ss_stk_00065	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00065	09/08/15	03/08/15	MEOH, Lot 0000085233	200 mL	VM567650_00021	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00021	04/30/19		Restek, Lot A0102817		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00066	12/11/15	06/11/15	MEOH, Lot 0000085233	200 mL	VM567650_00021	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00021	04/30/19		Restek, Lot A0102817		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00114	09/08/15	09/01/15	MEOH, Lot na	3 mL	VMACROLSTD_00029	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00029	09/30/15	09/01/15	MEOH, Lot 147358	20 mL	VM568720_00008	250 uL	Acrolein	250 ug/mL
..VM568720_00008	09/30/15		restek, Lot A0111006		(Purchased Reagent)		Acrolein	20000 ug/mL
VMAROLISTDW_00122	10/31/15	10/25/15	MEOH, Lot na	3 mL	VMACROLSTD_00030	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00030	10/31/15	10/01/15	MEOH, Lot 0000099494	20 mL	VM568720_00009	250 uL	Acrolein	250 ug/mL
..VM568720_00009	11/30/15		restek, Lot A0112264		(Purchased Reagent)		Acrolein	20000 ug/mL
VMFASA9W_00076	11/04/15	10/28/15	MEOH, Lot NA	2 mL	VMFASA9_00005	2 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trimethylbenzene	50 ug/mL
.VMFASA9_00005	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	100 mL	VM568723S_00001	2.5 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725S_00001	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
..VM568723S_00001	04/30/16	restek, Lot A0102749			(Purchased Reagent)		Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725S_00001	11/30/15	restek, Lot A0111261			(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
VMFASG_00033	09/29/15	08/29/15	MEOH, Lot 147358	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VM567645S_00016	11/30/15	Restek, Lot A099261			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00120	10/29/15	10/22/15	MEOH, Lot NA	2 mL	VMFASG_00034	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00034	10/29/15	09/29/15	MEOH, Lot 0000099494	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15	Restek, Lot A099261			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00122	11/11/15	11/04/15	MEOH, Lot NA	2 mL	VMFASG_00035	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00035	11/30/15	10/27/15	MEOH, Lot 0000118655	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15		Restek, Lot A099261		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00123	11/19/15	11/12/15	MEOH, Lot NA	2 mL	VMFASG_00035	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00035	11/30/15	10/27/15	MEOH, Lot 0000118655	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15		Restek, Lot A099261		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASPW_00114	09/08/15	09/01/15	MEOH, Lot n/a	2 mL	VMRFASP_00022	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00022	10/31/15	07/28/15	MEOH, Lot 147358	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00002	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00002	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00002	03/31/18		Restek, Lot A0110013		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00002	10/31/15		Restek, Lot A0110474		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMFASPW_00122	10/28/15	10/21/15	MEOH, Lot n/a	2 mL	VMRFASP_00023	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00023	10/31/15	09/29/15	MEOH, Lot 99494	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00002	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00002	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00002	03/31/18		Restek, Lot A0110013		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00002	10/31/15		Restek, Lot A0110474		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMFASPW_00125	11/16/15	11/09/15	MEOH, Lot n/a	2 mL	VMRFASP_00024	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00024	01/31/16	11/01/15	MEOH, Lot 0000118655	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00001	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00003	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00001	01/31/18		Restek, Lot A0108188		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00003	01/31/16		Restek, Lot A0112364		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRA9W_00119	08/17/15	08/10/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00001	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15		restek, Lot A099930		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15		restek, Lot A0111228		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00001	04/30/17		Restek, Lot A0110130		(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRA9W_00128	10/30/15	10/23/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00001	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15		restek, Lot A099930		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15		restek, Lot A0111228		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00001	04/30/17		Restek, Lot A0110130		(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRA9W_00130	11/15/15	11/08/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM568723_00001	1.25 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
..VM568723_00001	12/31/15		restek, Lot A099930		(Purchased Reagent)		Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15		restek, Lot A0111228		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMRGAS_00116	09/05/15	08/29/15	MEOH, Lot 147358	10 mL	vm569722_00002	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00002	01/31/18		Restek, Lot A0108198		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00123	10/30/15	10/23/15	MEOH, Lot 0000099494	10 mL	vm569722_00003	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00003	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00125	11/12/15	11/05/15	MEOH, Lot 0000118655	10 mL	vm569722_00003	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00003	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRPRIMW_00146	09/08/15	09/01/15	MEOH, Lot NA	1 mL	VMRPRIM_00013	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00013	10/31/15	09/01/15	MEOH, Lot 147358	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00002	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00002	10/31/15		Restek, Lot A0110407		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00153	10/30/15	10/23/15	MEOH, Lot NA	1 mL	VMRPRIM_00013	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00013	10/31/15	09/01/15	MEOH, Lot 147358	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00002	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00002	10/31/15		Restek, Lot A0110407		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00156	11/16/15	11/09/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	50 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00003	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00003	01/31/16		Restek, Lot A0112975		(Purchased Reagent)		Vinyl acetate	5000 ug/mL

Certification Summary

Client: Tetra Tech, Inc. TestAmerica Job ID: 240-57597-1
Project/Site: MRC Soil Remedy Block F UST

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	State Program	9	2927
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky (UST)	State Program	4	58
TestAmerica Canton	Kentucky (WW)	State Program	4	98016
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Oregon	NELAP	10	4062
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	T104704517-15-5
TestAmerica Canton	USDA	Federal		P330-13-00319
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
F-VB-UST-1-14	240-57597-1	101	103	103	91
F-VB-UST-2-14	240-57597-2	95	99	96	85
F-VB-UST-3-14	240-57597-3	90	90	93	86
F-VB-UST-4-14	240-57597-4	94	102	93	83
F-VB-UST-5-14	240-57597-5	101	104	100	87
F-VB-UST-6-14	240-57597-6	89	93	88	81
F-VB-UST-7-14	240-57597-7	98	103	98	87
F-VB-UST-8-14	240-57597-8	93	93	97	85
F-VB-UST-9-14	240-57597-9	88	94	89	82
F-VB-UST-10-14	240-57597-10	88	93	89	83
F-VB-UST-11-14	240-57597-11	87	91	90	81
F-VB-UST-12-14	240-57597-12	98	103	99	87
F-VB-UST-13-14	240-57597-13	98	100	105	90
F-VB-UST-14-14	240-57597-14	89	96	87	78
F-VB-UST-DUP	240-57597-15	101	102	102	89
	MB 240-206089/1-A	88	91	91	82
	MB 240-206267/6	101	102	101	90
	LCS 240-206051/5	95	92	94	87
	LCS 240-206267/5	99	94	95	89
F-VB-UST-5-14 MS	240-57597-5 MS	97	92	99	95
F-VB-UST-DUP MS	240-57597-15 MS	97	97	97	88
F-VB-UST-5-14 MSD	240-57597-5 MSD	101	98	101	96
F-VB-UST-DUP MSD	240-57597-15 MSD	99	95	96	86

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-110515	240-57597-16	97	99	85	90
	MB 240-206461/6	99	95	88	97
	LCS 240-206461/4	103	99	96	103
	240-57564-B-1 MS	99	97	88	103
	240-57564-B-1 MSD	101	98	90	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146327.D

Lab ID: LCS 240-206051/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.4	102	80-120	
1,1,1-Trichloroethane	20.0	22.0	110	77-126	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	80-138	
1,1-Dichloroethane	20.0	18.5	93	76-120	
1,1-Dichloroethene	20.0	19.1	95	75-135	
1,1-Dichloropropene	20.0	20.3	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.5	98	61-121	
1,2,3-Trichloropropane	20.0	20.3	102	80-126	
1,2,4-Trichlorobenzene	20.0	20.6	103	64-124	
1,2,4-Trimethylbenzene	20.0	20.3	101	80-129	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	61-132	
1,2-Dichlorobenzene	20.0	19.0	95	76-120	
1,2-Dichloroethane	20.0	19.3	97	72-120	
1,2-Dichloropropane	20.0	17.7	88	80-120	
1,3-Dichlorobenzene	20.0	19.3	96	78-120	
1,3-Dichloropropane	20.0	18.6	93	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	75-120	
2,2-Dichloropropane	20.0	21.3	106	69-135	
2-Butanone (MEK)	40.0	31.5	79	52-131	
2-Chloroethyl vinyl ether	20.0	14.8 J	74	28-173	
2-Chlorotoluene	20.0	20.2	101	78-120	
2-Hexanone	40.0	31.3	78	64-136	
4-Chlorotoluene	20.0	20.0	100	79-120	
p-Isopropyltoluene	20.0	20.7	103	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	30.7	77	67-135	
Acetone	40.0	32.8	82	41-137	
Benzene	20.0	18.5	93	79-120	
Bromobenzene	20.0	21.3	106	80-120	
Bromoform	20.0	16.3	82	62-133	
Bromomethane	20.0	18.8	94	42-136	
Carbon disulfide	20.0	15.1	75	62-146	
Carbon tetrachloride	20.0	21.9	110	71-129	
Chlorobenzene	20.0	19.9	99	78-120	
Dibromochloromethane	20.0	18.2	91	72-127	
Chloroethane	20.0	18.7	93	58-120	
Chloroform	20.0	19.9	100	77-120	
Chloromethane	20.0	14.5	72	50-120	
cis-1,2-Dichloroethene	20.0	19.6	98	76-120	
cis-1,3-Dichloropropene	20.0	17.3	86	74-128	
Dibromomethane	20.0	19.1	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146327.D

Lab ID: LCS 240-206051/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	21.1	106	79-120	
Dichlorodifluoromethane	20.0	16.4	82	26-120	
Bromodichloromethane	20.0	18.1	90	80-122	
tert-Butyl alcohol (TBA)	200	138 J	69	60-125	
Ethylbenzene	20.0	19.8	99	79-120	
Hexachlorobutadiene	20.0	21.4	107	54-131	
Isopropylbenzene	20.0	20.6	103	76-122	
Methyl tert-butyl ether	20.0	18.7	93	49-165	
Methylene Chloride	20.0	16.7	84	75-120	
m-Xylene & p-Xylene	20.0	19.8	99	80-120	
Naphthalene	20.0	18.4	92	65-123	
n-Butylbenzene	20.0	20.2	101	68-135	
N-Propylbenzene	20.0	19.8	99	80-129	
o-Xylene	20.0	20.7	103	80-120	
sec-Butylbenzene	20.0	19.9	100	74-129	
Styrene	20.0	18.7	93	80-120	
Tetrachloroethene	20.0	19.6	98	79-120	
Toluene	20.0	20.5	102	75-120	
trans-1,2-Dichloroethene	20.0	20.1	100	78-120	
trans-1,3-Dichloropropene	20.0	19.3	97	73-131	
Trichloroethene	20.0	21.1	105	79-120	
Trichlorofluoromethane	20.0	22.3	111	57-146	
Vinyl acetate	20.0	16.9	85	70-130	
Vinyl chloride	20.0	15.8	79	57-120	
Xylenes, Total	40.0	40.5	101	80-120	
tert-Butylbenzene	20.0	20.1	101	76-126	
1,2-Dibromoethane	20.0	19.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146360.D

Lab ID: LCS 240-206267/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.7	108	80-120	
1,1,1-Trichloroethane	20.0	22.4	112	77-126	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2	106	80-138	
1,1-Dichloroethane	20.0	19.0	95	76-120	
1,1-Dichloroethene	20.0	18.6	93	75-135	
1,1-Dichloropropene	20.0	20.9	104	80-120	
1,2,3-Trichlorobenzene	20.0	20.6	103	61-121	
1,2,3-Trichloropropane	20.0	21.8	109	80-126	
1,2,4-Trichlorobenzene	20.0	21.3	106	64-124	
1,2,4-Trimethylbenzene	20.0	21.1	106	80-129	
1,2-Dibromo-3-Chloropropane	20.0	20.9	104	61-132	
1,2-Dichlorobenzene	20.0	20.6	103	76-120	
1,2-Dichloroethane	20.0	20.6	103	72-120	
1,2-Dichloropropane	20.0	19.1	96	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	78-120	
1,3-Dichloropropane	20.0	20.5	102	80-120	
1,4-Dichlorobenzene	20.0	20.4	102	75-120	
2,2-Dichloropropane	20.0	21.9	110	69-135	
2-Butanone (MEK)	40.0	33.7	84	52-131	
2-Chloroethyl vinyl ether	20.0	15.3 J	76	28-173	
2-Chlorotoluene	20.0	21.5	108	78-120	
2-Hexanone	40.0	32.9	82	64-136	
4-Chlorotoluene	20.0	21.6	108	79-120	
p-Isopropyltoluene	20.0	22.3	112	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	32.6	82	67-135	
Acetone	40.0	33.3	83	41-137	
Benzene	20.0	19.4	97	79-120	
Bromobenzene	20.0	22.4	112	80-120	
Bromoform	20.0	17.7	89	62-133	
Bromomethane	20.0	19.6	98	42-136	
Carbon disulfide	20.0	14.8	74	62-146	
Carbon tetrachloride	20.0	22.8	114	71-129	
Chlorobenzene	20.0	21.0	105	78-120	
Dibromochloromethane	20.0	19.4	97	72-127	
Chloroethane	20.0	19.9	99	58-120	
Chloroform	20.0	21.0	105	77-120	
Chloromethane	20.0	15.6	78	50-120	
cis-1,2-Dichloroethene	20.0	20.1	101	76-120	
cis-1,3-Dichloropropene	20.0	18.4	92	74-128	
Dibromomethane	20.0	21.4	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146360.D

Lab ID: LCS 240-206267/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	22.2	111	79-120	
Dichlorodifluoromethane	20.0	20.4	102	26-120	
Bromodichloromethane	20.0	19.2	96	80-122	
tert-Butyl alcohol (TBA)	200	143 J	71	60-125	
Ethylbenzene	20.0	21.3	106	79-120	
Hexachlorobutadiene	20.0	23.6	118	54-131	
Isopropylbenzene	20.0	21.2	106	76-122	
Methyl tert-butyl ether	20.0	18.5	93	49-165	
Methylene Chloride	20.0	16.9	84	75-120	
m-Xylene & p-Xylene	20.0	21.3	107	80-120	
Naphthalene	20.0	18.4	92	65-123	
n-Butylbenzene	20.0	21.8	109	68-135	
N-Propylbenzene	20.0	21.7	108	80-129	
o-Xylene	20.0	21.7	108	80-120	
sec-Butylbenzene	20.0	20.9	105	74-129	
Styrene	20.0	20.0	100	80-120	
Tetrachloroethene	20.0	21.3	107	79-120	
Toluene	20.0	21.3	106	75-120	
trans-1,2-Dichloroethene	20.0	20.3	101	78-120	
trans-1,3-Dichloropropene	20.0	20.6	103	73-131	
Trichloroethene	20.0	21.5	108	79-120	
Trichlorofluoromethane	20.0	22.8	114	57-146	
Vinyl acetate	20.0	17.7	88	70-130	
Vinyl chloride	20.0	16.8	84	57-120	
Xylenes, Total	40.0	43.0	108	80-120	
tert-Butylbenzene	20.0	21.4	107	76-126	
1,2-Dibromoethane	20.0	21.7	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4393.D

Lab ID: LCS 240-206461/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	10.0	11.8	118	80-120	
1,1,1-Trichloroethane	10.0	11.1	111	77-123	
1,1,2,2-Tetrachloroethane	10.0	9.38	94	71-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.57	96	67-138	
1,1-Dichloroethane	10.0	9.43	94	79-125	
1,1-Dichloroethene	10.0	8.73	87	76-124	
1,1-Dichloropropene	10.0	10.4	104	80-128	
1,2,3-Trichlorobenzene	10.0	8.64	86	66-120	
1,2,3-Trichloropropane	10.0	11.3	113	72-126	
1,2,4-Trichlorobenzene	10.0	8.66	87	61-120	
1,2,4-Trimethylbenzene	10.0	9.93	99	76-120	
1,2-Dibromo-3-Chloropropane	10.0	9.17	92	50-132	
1,2-Dichlorobenzene	10.0	9.76	98	79-120	
1,2-Dichloroethane	10.0	10.5	105	80-120	
1,2-Dichloropropane	10.0	9.07	91	78-124	
1,3-Dichlorobenzene	10.0	9.90	99	79-120	
1,3-Dichloropropane	10.0	9.29	93	80-120	
1,4-Dichlorobenzene	10.0	9.83	98	79-120	
2,2-Dichloropropane	10.0	10.4	104	71-122	
2-Butanone (MEK)	20.0	16.3	82	56-138	
2-Chloroethyl vinyl ether	10.0	8.93 J	89	54-139	
2-Chlorotoluene	10.0	10.4	104	80-120	
2-Hexanone	20.0	17.6	88	55-141	
4-Chlorotoluene	10.0	9.89	99	80-120	
p-Isopropyltoluene	10.0	9.42	94	77-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.1	90	64-135	
Acetone	20.0	13.6	68	34-148	
Benzene	10.0	9.23	92	80-120	
Bromobenzene	10.0	10.7	107	80-120	
Bromoform	10.0	10.7	107	56-122	
Bromomethane	10.0	11.0	110	38-132	
Carbon disulfide	10.0	7.86	79	65-144	
Carbon tetrachloride	10.0	11.6	116	77-131	
Chlorobenzene	10.0	10.2	102	80-120	
Dibromochloromethane	10.0	10.6	106	74-120	
Chloroethane	10.0	9.73	97	36-126	
Chloroform	10.0	10.6	106	80-120	
Chloromethane	10.0	8.46	85	48-133	
cis-1,2-Dichloroethene	10.0	9.74	97	79-120	
cis-1,3-Dichloropropene	10.0	9.52	95	74-126	
Dibromomethane	10.0	10.7	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4393.D

Lab ID: LCS 240-206461/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	10.0	10.8	108	80-120	
Dichlorodifluoromethane	10.0	10.5	105	23-136	
Bromodichloromethane	10.0	11.0	110	80-120	
tert-Butyl alcohol (TBA)	100	72.2	72	38-144	
Ethylbenzene	10.0	10.5	105	80-120	
Hexachlorobutadiene	10.0	8.37	84	62-120	
Isopropylbenzene	10.0	10.4	104	77-120	
Methyl tert-butyl ether	10.0	10.1	101	69-121	
Methylene Chloride	10.0	9.34	93	77-129	
m-Xylene & p-Xylene	10.0	10.0	100	80-120	
Naphthalene	10.0	8.44	84	53-121	
n-Butylbenzene	10.0	8.71	87	74-120	
N-Propylbenzene	10.0	10.2	102	79-123	
o-Xylene	10.0	10.4	104	80-120	
sec-Butylbenzene	10.0	9.27	93	77-120	
Styrene	10.0	9.85	99	76-122	
Tetrachloroethene	10.0	10.9	109	78-121	
Toluene	10.0	9.77	98	80-120	
trans-1,2-Dichloroethene	10.0	9.53	95	80-124	
trans-1,3-Dichloropropene	10.0	9.90	99	75-131	
Trichloroethene	10.0	11.1	111	80-121	
Trichlorofluoromethane	10.0	9.70	97	61-133	
Vinyl acetate	10.0	9.77	98	27-160	
Vinyl chloride	10.0	9.07	91	52-121	
Xylenes, Total	20.0	20.4	102	80-120	
tert-Butylbenzene	10.0	9.67	97	77-121	
1,2-Dibromoethane	10.0	10.7	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146341.D

Lab ID: 240-57597-5 MS Client ID: F-VB-UST-5-14 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	22.8	0.58 U	23.0	101	34-135	
1,1,1-Trichloroethane	22.8	0.75 U	24.1	106	51-128	
1,1,2,2-Tetrachloroethane	22.8	0.36 U	26.6	117	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	22.8	0.49 U	23.5	103	50-147	
1,1-Dichloroethane	22.8	0.39 U	21.1	93	54-122	
1,1-Dichloroethene	22.8	0.93 U	19.8	87	49-157	
1,1-Dichloropropene	22.8	0.43 U	22.7	100	50-122	
1,2,3-Trichlorobenzene	22.8	0.58 U	14.1	62	10-120	
1,2,3-Trichloropropane	22.8	0.90 U	23.8	104	32-174	
1,2,4-Trichlorobenzene	22.8	0.44 U	14.2	62	10-120	
1,2,4-Trimethylbenzene	22.8	0.67 U	18.7	82	10-173	
1,2-Dibromo-3-Chloropropane	22.8	3.1 U	22.2	97	10-153	
1,2-Dichlorobenzene	22.8	0.39 U	18.1	79	17-122	
1,2-Dichloroethane	22.8	0.53 U	22.0	97	49-123	
1,2-Dichloropropane	22.8	0.16 U	20.8	91	61-120	
1,3-Dichlorobenzene	22.8	0.80 U	18.3	80	16-126	
1,3-Dichloropropane	22.8	0.46 U	22.5	98	54-128	
1,4-Dichlorobenzene	22.8	0.32 U	17.8	78	15-121	
2,2-Dichloropropane	22.8	0.51 U	24.0	105	49-132	
2-Butanone (MEK)	45.6	4.3 J	36.6	71	30-143	
2-Chloroethyl vinyl ether	22.8	0.74 U	16.4 J	72	10-162	
2-Chlorotoluene	22.8	0.35 U	20.8	91	11-162	
2-Hexanone	45.6	0.79 U	52.2	114	37-147	
4-Chlorotoluene	22.8	0.30 U	19.4	85	15-149	
p-Isopropyltoluene	22.8	0.47 U	19.0	83	10-165	
4-Methyl-2-pentanone (MIBK)	45.6	1.4 U	150	328	43-147	F1
Acetone	45.6	13 J	47.7	77	24-140	
Benzene	22.8	1.0 U	21.1	93	53-120	
Bromobenzene	22.8	0.38 U	21.7	95	24-144	
Bromoform	22.8	0.28 U	18.7	82	18-129	
Bromomethane	22.8	0.49 U	19.8	87	33-130	
Carbon disulfide	22.8	0.68 U	16.0	70	20-151	
Carbon tetrachloride	22.8	0.75 U	24.0	105	32-137	
Chlorobenzene	22.8	0.61 U	20.7	91	37-120	
Dibromochloromethane	22.8	0.43 U	20.2	89	29-135	
Chloroethane	22.8	0.51 U	21.5	94	45-120	
Chloroform	22.8	0.42 U	22.9	100	53-120	
Chloromethane	22.8	0.92 U	15.9	70	34-120	
cis-1,2-Dichloroethene	22.8	0.32 U	22.1	97	50-120	
cis-1,3-Dichloropropene	22.8	0.82 U	19.1	84	27-133	
Dibromomethane	22.8	0.49 U	22.0	96	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146341.D

Lab ID: 240-57597-5 MS Client ID: F-VB-UST-5-14 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Bromochloromethane	22.8	0.38 U	23.3	102	53-120	
Dichlorodifluoromethane	22.8	0.32 U	18.3	80	17-120	
Bromodichloromethane	22.8	0.34 U	20.0	88	35-132	
tert-Butyl alcohol (TBA)	228	6.6 U	164 J	72	60-125	
Ethylbenzene	22.8	0.37 U	20.5	90	30-131	
Hexachlorobutadiene	22.8	0.46 U	12.5	55	10-131	
Isopropylbenzene	22.8	0.23 U	19.5	86	21-134	
Methyl tert-butyl ether	22.8	0.50 U	20.9	92	51-157	
Methylene Chloride	22.8	0.86 U	18.8	82	54-120	
m-Xylene & p-Xylene	22.8	0.49 U	19.3	85	29-131	
Naphthalene	22.8	0.41 J	17.8	76	10-124	
n-Butylbenzene	22.8	0.68 U	16.6	73	10-148	
N-Propylbenzene	22.8	0.70 U	19.7	86	10-178	
o-Xylene	22.8	0.66 U	20.9	92	29-134	
sec-Butylbenzene	22.8	1.1 U	18.2	80	10-172	
Styrene	22.8	0.46 U	17.9	79	27-127	
Tetrachloroethene	22.8	0.93 U	22.3	98	31-135	
Toluene	22.8	0.31 U	22.0	96	39-129	
trans-1,2-Dichloroethene	22.8	0.37 U	22.3	98	50-123	
trans-1,3-Dichloropropene	22.8	0.34 U	21.1	93	28-137	
Trichloroethene	22.8	0.44 U	23.2	101	10-177	
Trichlorofluoromethane	22.8	0.34 U	23.0	101	36-142	
Vinyl acetate	22.8	0.76 U	14.4	63	70-130	F1
Vinyl chloride	22.8	0.35 U	17.4	76	42-120	
Xylenes, Total	45.6	0.63 U	40.2	88	30-131	
tert-Butylbenzene	22.8	0.78 U	21.3	93	10-163	
1,2-Dibromoethane	22.8	0.61 U	24.2	106	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146366.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	19.8	0.53 U	20.2	102	34-135	
1,1,1-Trichloroethane	19.8	0.68 U	22.0	111	51-128	
1,1,2,2-Tetrachloroethane	19.8	0.33 U	19.2	97	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	19.8	0.44 U	21.4	108	50-147	
1,1-Dichloroethane	19.8	0.36 U	18.4	93	54-122	
1,1-Dichloroethene	19.8	0.84 U	18.3	93	49-157	
1,1-Dichloropropene	19.8	0.39 U	20.4	103	50-122	
1,2,3-Trichlorobenzene	19.8	0.53 U	19.1	96	10-120	
1,2,3-Trichloropropane	19.8	0.82 U	22.1	112	32-174	
1,2,4-Trichlorobenzene	19.8	0.40 U	19.5	98	10-120	
1,2,4-Trimethylbenzene	19.8	0.61 U	19.4	98	10-173	
1,2-Dibromo-3-Chloropropane	19.8	2.9 U	17.8	90	10-153	
1,2-Dichlorobenzene	19.8	0.36 U	18.5	94	17-122	
1,2-Dichloroethane	19.8	0.48 U	19.3	97	49-123	
1,2-Dichloropropane	19.8	0.15 U	17.0	86	61-120	
1,3-Dichlorobenzene	19.8	0.73 U	19.2	97	16-126	
1,3-Dichloropropane	19.8	0.42 U	18.5	94	54-128	
1,4-Dichlorobenzene	19.8	0.29 U	17.9	91	15-121	
2,2-Dichloropropane	19.8	0.46 U	21.6	109	49-132	
2-Butanone (MEK)	39.6	3.6 J	30.1	67	30-143	
2-Chloroethyl vinyl ether	19.8	0.67 U	12.6 J	63	10-162	
2-Chlorotoluene	19.8	0.32 U	19.9	101	11-162	
2-Hexanone	39.6	0.72 U	31.1	79	37-147	
4-Chlorotoluene	19.8	0.27 U	19.3	98	15-149	
p-Isopropyltoluene	19.8	0.43 U	20.1	102	10-165	
4-Methyl-2-pentanone (MIBK)	39.6	1.3 U	32.3	82	43-147	
Acetone	39.6	6.0 U	30.0	76	24-140	
Benzene	19.8	0.95 U	18.5	94	53-120	
Bromobenzene	19.8	0.35 U	19.9	101	24-144	
Bromoform	19.8	0.25 U	16.1	81	18-129	
Bromomethane	19.8	0.44 U	19.1	97	33-130	
Carbon disulfide	19.8	0.62 U	13.8	70	20-151	
Carbon tetrachloride	19.8	0.68 U	21.4	108	32-137	
Chlorobenzene	19.8	0.56 U	19.3	97	37-120	
Dibromochloromethane	19.8	0.39 U	17.1	86	29-135	
Chloroethane	19.8	0.46 U	19.4	98	45-120	
Chloroform	19.8	0.38 U	20.5	104	53-120	
Chloromethane	19.8	0.83 U	15.5	78	34-120	
cis-1,2-Dichloroethene	19.8	0.29 U	19.6	99	50-120	
cis-1,3-Dichloropropene	19.8	0.75 U	16.0	81	27-133	
Dibromomethane	19.8	0.44 U	21.4	108	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146366.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Bromochloromethane	19.8	0.35 U	20.6	104	53-120	
Dichlorodifluoromethane	19.8	0.29 U	19.9	101	17-120	
Bromodichloromethane	19.8	0.31 U	17.2	87	35-132	
tert-Butyl alcohol (TBA)	198	6.0 U	163 J	83	60-125	
Ethylbenzene	19.8	0.34 U	19.0	96	30-131	
Hexachlorobutadiene	19.8	0.42 U	20.9	106	10-131	
Isopropylbenzene	19.8	0.21 U	20.0	101	21-134	
Methyl tert-butyl ether	19.8	0.45 U	17.5	88	51-157	
Methylene Chloride	19.8	0.78 U	16.2	82	54-120	
m-Xylene & p-Xylene	19.8	0.44 U	19.4	98	29-131	
Naphthalene	19.8	0.37 U	16.9	85	10-124	
n-Butylbenzene	19.8	0.62 U	19.3	98	10-148	
N-Propylbenzene	19.8	0.63 U	19.4	98	10-178	
o-Xylene	19.8	0.60 U	19.5	98	29-134	
sec-Butylbenzene	19.8	0.96 U	19.5	98	10-172	
Styrene	19.8	0.42 U	17.8	90	27-127	
Tetrachloroethene	19.8	0.84 U	21.7	109	31-135	
Toluene	19.8	0.28 U	20.2	102	39-129	
trans-1,2-Dichloroethene	19.8	0.34 U	19.7	100	50-123	
trans-1,3-Dichloropropene	19.8	0.31 U	17.1	86	28-137	
Trichloroethene	19.8	0.40 U	20.3	103	10-177	
Trichlorofluoromethane	19.8	0.31 U	21.2	107	36-142	
Vinyl acetate	19.8	0.70 U	17.6	89	70-130	
Vinyl chloride	19.8	0.32 U	16.9	85	42-120	
Xylenes, Total	39.6	0.57 U	38.9	98	30-131	
tert-Butylbenzene	19.8	0.71 U	20.0	101	10-163	
1,2-Dibromoethane	19.8	0.56 U	19.8	100	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4417.D

Lab ID: 240-57564-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2500	110 U	2570	103	69-122	
1,1,2,2-Tetrachloroethane	2500	55 U	2130	85	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	110 U	1850	74	44-140	
1,1-Dichloroethane	2500	75 U	2270	91	73-124	
1,1-Dichloroethene	2500	110 U	2020	81	67-124	
1,2,4-Trichlorobenzene	2500	80 U	2090	84	48-120	
1,2-Dibromo-3-Chloropropane	2500	210 U	2310	92	42-130	
1,2-Dichlorobenzene	2500	63 U	2300	92	67-118	
1,2-Dichloroethane	2500	58 U	2580	103	74-125	
1,2-Dichloropropane	2500	63 U	2170	87	73-122	
1,3-Dichlorobenzene	2500	48 U	2250	90	65-120	
1,4-Dichlorobenzene	2500	68 U	2290	92	66-120	
2-Butanone (MEK)	5000	7000	12400	109	49-132	
2-Hexanone	5000	120 U	4460	89	49-142	
4-Methyl-2-pentanone (MIBK)	5000	370 J	5380	100	58-136	
Acetone	5000	9800	18700	179	32-126	F1
Benzene	2500	88 U	2220	89	73-121	
Bromoform	2500	140 U	2500	100	45-121	
Bromomethane	2500	110 U	2390	96	26-136	
Carbon disulfide	2500	95 U	1870	75	54-144	
Carbon tetrachloride	2500	110 U	2620	105	65-129	
Chlorobenzene	2500	63 U	2390	96	72-120	
Dibromochloromethane	2500	110 U	2460	98	62-122	
Chloroethane	2500	80 U	2200	88	27-131	
Chloroform	2500	63 U	2560	102	73-121	
Chloromethane	2500	110 U	1980	79	39-134	
cis-1,2-Dichloroethene	2500	65 U	2370	95	66-124	
cis-1,3-Dichloropropene	2500	120 U	2250	90	60-120	
Dichlorodifluoromethane	2500	80 U	1870	75	14-137	
Bromodichloromethane	2500	73 U	2650	106	72-120	
Ethylbenzene	2500	63 U	2440	97	68-121	
Isopropylbenzene	2500	88 U	2380	95	61-122	
Methyl tert-butyl ether	2500	50 U	2520	101	61-121	
Methylene Chloride	2500	83 U	2350	94	70-124	
m-Xylene & p-Xylene	2500	150 J	2540	96	66-123	
o-Xylene	2500	72 J	2500	97	68-121	
Styrene	2500	110 U	2320	93	64-126	
Tetrachloroethene	2500	78 U	2450	98	59-125	
Toluene	2500	170 J	2380	88	72-122	
trans-1,2-Dichloroethene	2500	75 U	2340	94	72-125	
trans-1,3-Dichloropropene	2500	140 U	2330	93	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4417.D

Lab ID: 240-57564-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Trichloroethene	2500	55 U	2580	103	61-129	
Trichlorofluoromethane	2500	120 U	2020	81	49-133	
Vinyl chloride	2500	73 U	2040	81	44-122	
Xylenes, Total	5000	220 J	5040	96	67-122	
1,2-Dibromoethane	2500	80 U	2430	97	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146342.D

Lab ID: 240-57597-5 MSD Client ID: F-VB-UST-5-14 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	23.0	24.0	104	4	30	34-135	
1,1,1-Trichloroethane	23.0	25.7	112	7	30	51-128	
1,1,2,2-Tetrachloroethane	23.0	28.0	121	5	30	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	23.0	25.6	111	9	30	50-147	
1,1-Dichloroethane	23.0	22.5	98	6	30	54-122	
1,1-Dichloroethene	23.0	22.0	95	10	30	49-157	
1,1-Dichloropropene	23.0	25.1	109	10	30	50-122	
1,2,3-Trichlorobenzene	23.0	17.9	78	24	30	10-120	
1,2,3-Trichloropropane	23.0	28.9	125	19	30	32-174	
1,2,4-Trichlorobenzene	23.0	19.9	86	33	30	10-120	F2
1,2,4-Trimethylbenzene	23.0	25.2	109	29	30	10-173	
1,2-Dibromo-3-Chloropropane	23.0	26.9	117	19	30	10-153	
1,2-Dichlorobenzene	23.0	22.2	96	20	30	17-122	
1,2-Dichloroethane	23.0	24.1	105	9	30	49-123	
1,2-Dichloropropane	23.0	21.9	95	5	30	61-120	
1,3-Dichlorobenzene	23.0	22.6	98	21	30	16-126	
1,3-Dichloropropane	23.0	23.2	101	3	30	54-128	
1,4-Dichlorobenzene	23.0	22.3	97	22	30	15-121	
2,2-Dichloropropane	23.0	24.5	107	2	30	49-132	
2-Butanone (MEK)	46.1	39.3	76	7	30	30-143	
2-Chloroethyl vinyl ether	23.0	17.2 J	75	5	30	10-162	
2-Chlorotoluene	23.0	25.6	111	21	30	11-162	
2-Hexanone	46.1	52.6	114	1	30	37-147	
4-Chlorotoluene	23.0	24.9	108	25	30	15-149	
p-Isopropyltoluene	23.0	26.0	113	31	30	10-165	F2
4-Methyl-2-pentanone (MIBK)	46.1	140	303	7	30	43-147	F1
Acetone	46.1	53.3	88	11	30	24-140	
Benzene	23.0	23.0	100	8	30	53-120	
Bromobenzene	23.0	26.9	117	22	30	24-144	
Bromoform	23.0	19.9	86	7	30	18-129	
Bromomethane	23.0	21.9	95	10	30	33-130	
Carbon disulfide	23.0	17.6	76	10	30	20-151	
Carbon tetrachloride	23.0	26.5	115	10	30	32-137	
Chlorobenzene	23.0	23.7	103	14	30	37-120	
Dibromochloromethane	23.0	21.2	92	5	30	29-135	
Chloroethane	23.0	22.3	97	4	30	45-120	
Chloroform	23.0	25.1	109	9	30	53-120	
Chloromethane	23.0	17.1	74	8	30	34-120	
cis-1,2-Dichloroethene	23.0	24.0	104	8	30	50-120	
cis-1,3-Dichloropropene	23.0	21.0	91	9	30	27-133	
Dibromomethane	23.0	24.2	105	9	30	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146342.D

Lab ID: 240-57597-5 MSD Client ID: F-VB-UST-5-14 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	23.0	26.0	113	11	30	53-120	
Dichlorodifluoromethane	23.0	18.5	80	1	30	17-120	
Bromodichloromethane	23.0	22.9	99	13	30	35-132	
tert-Butyl alcohol (TBA)	230	189 J	82	14	30	60-125	
Ethylbenzene	23.0	24.4	106	17	30	30-131	
Hexachlorobutadiene	23.0	22.3	97	57	30	10-131	F2
Isopropylbenzene	23.0	25.1	109	25	30	21-134	
Methyl tert-butyl ether	23.0	22.3	97	6	30	51-157	
Methylene Chloride	23.0	20.2	88	7	30	54-120	
m-Xylene & p-Xylene	23.0	24.0	104	22	30	29-131	
Naphthalene	23.0	21.0	89	16	30	10-124	
n-Butylbenzene	23.0	25.0	109	40	30	10-148	F2
N-Propylbenzene	23.0	25.5	111	26	30	10-178	
o-Xylene	23.0	25.1	109	18	30	29-134	
sec-Butylbenzene	23.0	25.1	109	32	30	10-172	F2
Styrene	23.0	21.9	95	20	30	27-127	
Tetrachloroethene	23.0	24.7	107	10	30	31-135	
Toluene	23.0	24.4	106	11	30	39-129	
trans-1,2-Dichloroethene	23.0	24.7	107	10	30	50-123	
trans-1,3-Dichloropropene	23.0	22.9	99	8	30	28-137	
Trichloroethene	23.0	25.3	110	9	30	10-177	
Trichlorofluoromethane	23.0	26.2	114	13	30	36-142	
Vinyl acetate	23.0	17.8	77	21	30	70-130	
Vinyl chloride	23.0	18.6	81	7	30	42-120	
Xylenes, Total	46.1	49.1	107	20	30	30-131	
tert-Butylbenzene	23.0	26.7	116	22	30	10-163	
1,2-Dibromoethane	23.0	25.0	108	3	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146367.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	22.6	22.0	97	9	30	34-135	
1,1,1-Trichloroethane	22.6	23.8	105	8	30	51-128	
1,1,2,2-Tetrachloroethane	22.6	21.3	94	11	30	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	22.6	23.5	104	10	30	50-147	
1,1-Dichloroethane	22.6	20.4	90	10	30	54-122	
1,1-Dichloroethene	22.6	20.3	90	10	30	49-157	
1,1-Dichloropropene	22.6	22.2	98	8	30	50-122	
1,2,3-Trichlorobenzene	22.6	19.9	88	4	30	10-120	
1,2,3-Trichloropropane	22.6	20.5	91	8	30	32-174	
1,2,4-Trichlorobenzene	22.6	20.8	92	6	30	10-120	
1,2,4-Trimethylbenzene	22.6	20.8	92	7	30	10-173	
1,2-Dibromo-3-Chloropropane	22.6	20.5	91	14	30	10-153	
1,2-Dichlorobenzene	22.6	19.9	88	7	30	17-122	
1,2-Dichloroethane	22.6	21.1	93	9	30	49-123	
1,2-Dichloropropane	22.6	19.2	85	12	30	61-120	
1,3-Dichlorobenzene	22.6	19.0	84	1	30	16-126	
1,3-Dichloropropane	22.6	20.2	89	9	30	54-128	
1,4-Dichlorobenzene	22.6	19.1	85	7	30	15-121	
2,2-Dichloropropane	22.6	24.1	107	11	30	49-132	
2-Butanone (MEK)	45.2	31.6	62	5	30	30-143	
2-Chloroethyl vinyl ether	22.6	14.8 J	66	17	30	10-162	
2-Chlorotoluene	22.6	21.8	96	9	30	11-162	
2-Hexanone	45.2	33.3	74	7	30	37-147	
4-Chlorotoluene	22.6	20.1	89	4	30	15-149	
p-Isopropyltoluene	22.6	21.4	94	6	30	10-165	
4-Methyl-2-pentanone (MIBK)	45.2	33.2	73	3	30	43-147	
Acetone	45.2	29.1	64	3	30	24-140	
Benzene	22.6	20.6	91	11	30	53-120	
Bromobenzene	22.6	22.2	98	11	30	24-144	
Bromoform	22.6	17.5	77	8	30	18-129	
Bromomethane	22.6	20.8	92	8	30	33-130	
Carbon disulfide	22.6	15.4	68	11	30	20-151	
Carbon tetrachloride	22.6	23.7	105	10	30	32-137	
Chlorobenzene	22.6	20.8	92	8	30	37-120	
Dibromochloromethane	22.6	19.4	86	13	30	29-135	
Chloroethane	22.6	20.8	92	7	30	45-120	
Chloroform	22.6	22.6	100	9	30	53-120	
Chloromethane	22.6	17.2	76	11	30	34-120	
cis-1,2-Dichloroethene	22.6	21.5	95	9	30	50-120	
cis-1,3-Dichloropropene	22.6	18.1	80	12	30	27-133	
Dibromomethane	22.6	22.8	101	7	30	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146367.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	22.6	22.2	98	8	30	53-120	
Dichlorodifluoromethane	22.6	21.8	96	9	30	17-120	
Bromodichloromethane	22.6	20.4	90	17	30	35-132	
tert-Butyl alcohol (TBA)	226	158 J	70	4	30	60-125	
Ethylbenzene	22.6	20.9	93	10	30	30-131	
Hexachlorobutadiene	22.6	22.4	99	7	30	10-131	
Isopropylbenzene	22.6	21.8	96	8	30	21-134	
Methyl tert-butyl ether	22.6	19.5	86	11	30	51-157	
Methylene Chloride	22.6	19.2	85	17	30	54-120	
m-Xylene & p-Xylene	22.6	20.2	89	4	30	29-131	
Naphthalene	22.6	18.8	83	11	30	10-124	
n-Butylbenzene	22.6	20.7	92	7	30	10-148	
N-Propylbenzene	22.6	20.7	91	7	30	10-178	
o-Xylene	22.6	21.5	95	10	30	29-134	
sec-Butylbenzene	22.6	20.6	91	6	30	10-172	
Styrene	22.6	19.5	86	9	30	27-127	
Tetrachloroethene	22.6	21.7	96	0	30	31-135	
Toluene	22.6	21.7	96	7	30	39-129	
trans-1,2-Dichloroethene	22.6	21.8	97	10	30	50-123	
trans-1,3-Dichloropropene	22.6	19.7	87	14	30	28-137	
Trichloroethene	22.6	22.5	99	10	30	10-177	
Trichlorofluoromethane	22.6	25.1	111	17	30	36-142	
Vinyl acetate	22.6	17.9	79	2	30	70-130	
Vinyl chloride	22.6	18.5	82	9	30	42-120	
Xylenes, Total	45.2	41.7	92	7	30	30-131	
tert-Butylbenzene	22.6	21.5	95	7	30	10-163	
1,2-Dibromoethane	22.6	21.9	97	10	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4418.D

Lab ID: 240-57564-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	2500	2630	105	2	14	69-122	
1,1,2,2-Tetrachloroethane	2500	2220	89	4	18	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2160	87	15	35	44-140	
1,1-Dichloroethane	2500	2310	93	2	14	73-124	
1,1-Dichloroethene	2500	2090	84	4	24	67-124	
1,2,4-Trichlorobenzene	2500	2190	88	5	28	48-120	
1,2-Dibromo-3-Chloropropane	2500	2510	100	8	24	42-130	
1,2-Dichlorobenzene	2500	2370	95	3	15	67-118	
1,2-Dichloroethane	2500	2590	104	0	24	74-125	
1,2-Dichloropropane	2500	2330	93	7	15	73-122	
1,3-Dichlorobenzene	2500	2270	91	1	15	65-120	
1,4-Dichlorobenzene	2500	2330	93	2	16	66-120	
2-Butanone (MEK)	5000	12800	116	3	19	49-132	
2-Hexanone	5000	4330	87	3	27	49-142	
4-Methyl-2-pentanone (MIBK)	5000	5460	102	2	32	58-136	
Acetone	5000	18900	182	1	28	32-126	F1
Benzene	2500	2250	90	1	13	73-121	
Bromoform	2500	2490	99	1	19	45-121	
Bromomethane	2500	2400	96	0	35	26-136	
Carbon disulfide	2500	1920	77	3	34	54-144	
Carbon tetrachloride	2500	2790	111	6	20	65-129	
Chlorobenzene	2500	2400	96	1	15	72-120	
Dibromochloromethane	2500	2450	98	0	19	62-122	
Chloroethane	2500	2180	87	1	35	27-131	
Chloroform	2500	2580	103	1	17	73-121	
Chloromethane	2500	2060	82	4	20	39-134	
cis-1,2-Dichloroethene	2500	2420	97	2	22	66-124	
cis-1,3-Dichloropropene	2500	2330	93	4	21	60-120	
Dichlorodifluoromethane	2500	2230	89	18	34	14-137	
Bromodichloromethane	2500	2760	110	4	19	72-120	
Ethylbenzene	2500	2370	95	3	16	68-121	
Isopropylbenzene	2500	2400	96	1	20	61-122	
Methyl tert-butyl ether	2500	2570	103	2	12	61-121	
Methylene Chloride	2500	2330	93	1	14	70-124	
m-Xylene & p-Xylene	2500	2510	94	2	15	66-123	
o-Xylene	2500	2490	97	0	14	68-121	
Styrene	2500	2340	93	1	15	64-126	
Tetrachloroethene	2500	2490	100	2	20	59-125	
Toluene	2500	2430	91	2	15	72-122	
trans-1,2-Dichloroethene	2500	2400	96	3	25	72-125	
trans-1,3-Dichloropropene	2500	2310	92	1	22	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4418.D

Lab ID: 240-57564-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Trichloroethene	2500	2730	109	6	14	61-129	
Trichlorofluoromethane	2500	2240	90	10	25	49-133	
Vinyl chloride	2500	2050	82	1	35	44-122	
Xylenes, Total	5000	5000	96	1	14	67-122	
1,2-Dibromoethane	2500	2470	99	2	24	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 146361.D Lab Sample ID: MB 240-206267/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/11/2015 11:43

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206267/5	146360.D	11/11/2015 11:22
F-VB-UST-DUP	240-57597-15	146365.D	11/11/2015 13:09
F-VB-UST-DUP MS	240-57597-15 MS	146366.D	11/11/2015 13:31
F-VB-UST-DUP MSD	240-57597-15 MSD	146367.D	11/11/2015 13:52

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 146331.D Lab Sample ID: MB 240-206089/1-A

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/10/2015 12:56

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F-VB-UST-1-14	240-57597-1	146336.D	11/10/2015 14:43
F-VB-UST-2-14	240-57597-2	146337.D	11/10/2015 15:05
F-VB-UST-3-14	240-57597-3	146338.D	11/10/2015 15:26
F-VB-UST-4-14	240-57597-4	146339.D	11/10/2015 15:48
F-VB-UST-5-14	240-57597-5	146340.D	11/10/2015 16:09
F-VB-UST-5-14 MS	240-57597-5 MS	146341.D	11/10/2015 16:30
F-VB-UST-5-14 MSD	240-57597-5 MSD	146342.D	11/10/2015 16:52
F-VB-UST-6-14	240-57597-6	146343.D	11/10/2015 17:13
F-VB-UST-7-14	240-57597-7	146344.D	11/10/2015 17:35
F-VB-UST-8-14	240-57597-8	146345.D	11/10/2015 17:56
F-VB-UST-9-14	240-57597-9	146346.D	11/10/2015 18:18
F-VB-UST-10-14	240-57597-10	146347.D	11/10/2015 18:39
F-VB-UST-11-14	240-57597-11	146348.D	11/10/2015 19:01
F-VB-UST-12-14	240-57597-12	146349.D	11/10/2015 19:22
F-VB-UST-13-14	240-57597-13	146350.D	11/10/2015 19:44
F-VB-UST-14-14	240-57597-14	146351.D	11/10/2015 20:05

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: UXC4396.D Lab Sample ID: MB 240-206461/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX15 Date Analyzed: 11/12/2015 12:11

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206461/4	UXC4393.D	11/12/2015 11:03
TB-110515	240-57597-16	UXC4397.D	11/12/2015 12:33
	240-57564-B-1 MS	UXC4417.D	11/12/2015 20:05
	240-57564-B-1 MSD	UXC4418.D	11/12/2015 20:27

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14045.D BFB Injection Date: 08/13/2015

Instrument ID: A3UX14 BFB Injection Time: 13:54

Analysis Batch No.: 193150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.1)1
174	50.0 - 120.00 % of mass 95	70.4	
175	5.0 - 9.0 % of mass 174	5.1	(7.3)1
176	95.0 - 101.0 % of mass 174	67.7	(96.1)1
177	5.0 - 9.0 % of mass 176	4.5	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-193150/12	144576.D	08/13/2015	17:50
	IC 240-193150/13	144577.D	08/13/2015	18:11
	IC 240-193150/14	144578.D	08/13/2015	18:33
	IC 240-193150/15	144579.D	08/13/2015	18:54
	IC 240-193150/16	144580.D	08/13/2015	19:16
	IC 240-193150/17	144581.D	08/13/2015	19:37
	IC 240-193150/18	144582.D	08/13/2015	19:59
	IC 240-193150/19	144583.D	08/13/2015	20:20
	IC 240-193150/20	144584.D	08/13/2015	20:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14070.D BFB Injection Date: 09/02/2015

Instrument ID: A3UX14 BFB Injection Time: 13:49

Analysis Batch No.: 196026

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.6	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	70.3	
175	5.0 - 9.0 % of mass 174	4.9	(7.0)1
176	95.0 - 101.0 % of mass 174	68.0	(96.8)1
177	5.0 - 9.0 % of mass 176	4.6	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-196026/3	144935.D	09/02/2015	14:32
	IC 240-196026/4	144936.D	09/02/2015	14:54
	IC 240-196026/5	144937.D	09/02/2015	15:15
	ICIS 240-196026/6	144938.D	09/02/2015	15:37
	IC 240-196026/7	144939.D	09/02/2015	15:58
	IC 240-196026/8	144940.D	09/02/2015	16:20
	IC 240-196026/9	144941.D	09/02/2015	16:41
	IC 240-196026/10	144942.D	09/02/2015	17:03
	IC 240-196026/11	144943.D	09/02/2015	17:24
	ICV 240-196026/13	144945.D	09/02/2015	18:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14128.D BFB Injection Date: 11/10/2015

Instrument ID: A3UX14 BFB Injection Time: 10:04

Analysis Batch No.: 206051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	75.8	
175	5.0 - 9.0 % of mass 174	5.4	(7.1)1
176	95.0 - 101.0 % of mass 174	73.3	(96.7)1
177	5.0 - 9.0 % of mass 176	4.8	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206051/3	146325.D	11/10/2015	10:47
	CCV 240-206051/4	146326.D	11/10/2015	11:08
	LCS 240-206051/5	146327.D	11/10/2015	11:30
	MB 240-206089/1-A	146331.D	11/10/2015	12:56
F-VB-UST-1-14	240-57597-1	146336.D	11/10/2015	14:43
F-VB-UST-2-14	240-57597-2	146337.D	11/10/2015	15:05
F-VB-UST-3-14	240-57597-3	146338.D	11/10/2015	15:26
F-VB-UST-4-14	240-57597-4	146339.D	11/10/2015	15:48
F-VB-UST-5-14	240-57597-5	146340.D	11/10/2015	16:09
F-VB-UST-5-14 MS	240-57597-5 MS	146341.D	11/10/2015	16:30
F-VB-UST-5-14 MSD	240-57597-5 MSD	146342.D	11/10/2015	16:52
F-VB-UST-6-14	240-57597-6	146343.D	11/10/2015	17:13
F-VB-UST-7-14	240-57597-7	146344.D	11/10/2015	17:35
F-VB-UST-8-14	240-57597-8	146345.D	11/10/2015	17:56
F-VB-UST-9-14	240-57597-9	146346.D	11/10/2015	18:18
F-VB-UST-10-14	240-57597-10	146347.D	11/10/2015	18:39
F-VB-UST-11-14	240-57597-11	146348.D	11/10/2015	19:01
F-VB-UST-12-14	240-57597-12	146349.D	11/10/2015	19:22
F-VB-UST-13-14	240-57597-13	146350.D	11/10/2015	19:44
F-VB-UST-14-14	240-57597-14	146351.D	11/10/2015	20:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14129.D BFB Injection Date: 11/11/2015

Instrument ID: A3UX14 BFB Injection Time: 09:51

Analysis Batch No.: 206267

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.6	
175	5.0 - 9.0 % of mass 174	5.9	(7.7)1
176	95.0 - 101.0 % of mass 174	73.1	(95.3)1
177	5.0 - 9.0 % of mass 176	4.5	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206267/3	146358.D	11/11/2015	10:39
	CCV 240-206267/4	146359.D	11/11/2015	11:00
	LCS 240-206267/5	146360.D	11/11/2015	11:22
	MB 240-206267/6	146361.D	11/11/2015	11:43
F-VB-UST-DUP	240-57597-15	146365.D	11/11/2015	13:09
F-VB-UST-DUP MS	240-57597-15 MS	146366.D	11/11/2015	13:31
F-VB-UST-DUP MSD	240-57597-15 MSD	146367.D	11/11/2015	13:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB460.D BFB Injection Date: 10/28/2015

Instrument ID: A3UX15 BFB Injection Time: 12:37

Analysis Batch No.: 204067

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.7	(0.9)1
174	50.0 - 120.00 % of mass 95	73.2	
175	5.0 - 9.0 % of mass 174	5.2	(7.1)1
176	95.0 - 101.0 % of mass 174	70.9	(96.9)1
177	5.0 - 9.0 % of mass 176	4.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-204067/2	UXC3824A.D	10/28/2015	13:05
	STD8260 240-204067/3	UXC3825A.D	10/28/2015	13:28
	STD8260 240-204067/4	UXC3826A.D	10/28/2015	13:51
	STD8260 240-204067/5	UXC3827A.D	10/28/2015	14:13
	STD8260 240-204067/6	UXC3828A.D	10/28/2015	14:36
	STD8260 240-204067/7	UXC3829A.D	10/28/2015	14:59
	ICV 240-204067/14	UXC3830.D	10/28/2015	15:21
	STD 240-204067/8	UXC3831.D	10/28/2015	15:44
	STD 240-204067/9	UXC3832.D	10/28/2015	16:06
	STD 240-204067/10	UXC3833.D	10/28/2015	16:29
	STD 240-204067/11	UXC3834.D	10/28/2015	16:52
	STD 240-204067/12	UXC3835.D	10/28/2015	17:14
	STD 240-204067/13	UXC3836.D	10/28/2015	17:37
	ICV 240-204067/15	UXC3837.D	10/28/2015	18:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB472.D BFB Injection Date: 11/12/2015

Instrument ID: A3UX15 BFB Injection Time: 10:14

Analysis Batch No.: 206461

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	5.8	(7.3)1
176	95.0 - 101.0 % of mass 174	78.1	(97.7)1
177	5.0 - 9.0 % of mass 176	5.2	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206461/2	UXC4392.D	11/12/2015	10:41
	LCS 240-206461/4	UXC4393.D	11/12/2015	11:03
	CCV 240-206461/3	UXC4394.D	11/12/2015	11:26
	MB 240-206461/6	UXC4396.D	11/12/2015	12:11
TB-110515	240-57597-16	UXC4397.D	11/12/2015	12:33
	240-57564-B-1 MS	UXC4417.D	11/12/2015	20:05
	240-57564-B-1 MSD	UXC4418.D	11/12/2015	20:27

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: ICIS 240-196026/6 Date Analyzed: 09/02/2015 15:37

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 144938.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1489699	6.64	910038	9.37	406298	11.34
UPPER LIMIT		2979398	7.14	1820076	9.87	812596	11.84
LOWER LIMIT		744850	6.14	455019	8.87	203149	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 240-206051/3		1498068	6.64	927026	9.36	430150	11.34
CCVIS 240-206267/3		1511907	6.64	908062	9.37	416832	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206051/3 Date Analyzed: 11/10/2015 10:47

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146325.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1498068	6.64	927026	9.36	430150	11.34
UPPER LIMIT		2996136	7.14	1854052	9.86	860300	11.84
LOWER LIMIT		749034	6.14	463513	8.86	215075	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206051/4		1428310	6.64	843706	9.36	400898	11.34
LCS 240-206051/5		1546829	6.64	933267	9.37	439911	11.34
MB 240-206089/1-A		1539926	6.64	908904	9.36	440491	11.34
240-57597-1	F-VB-UST-1-14	1339894	6.64	803741	9.36	401204	11.34
240-57597-2	F-VB-UST-2-14	1366253	6.64	812014	9.36	402470	11.34
240-57597-3	F-VB-UST-3-14	1478321	6.64	869963	9.36	422508	11.34
240-57597-4	F-VB-UST-4-14	1379125	6.64	832253	9.36	407647	11.34
240-57597-5	F-VB-UST-5-14	1381401	6.64	834119	9.36	405215	11.34
240-57597-5 MS	F-VB-UST-5-14 MS	1327604	6.64	776997	9.36	334424	11.34
240-57597-5 MSD	F-VB-UST-5-14 MSD	1417706	6.64	855433	9.36	375351	11.34
240-57597-6	F-VB-UST-6-14	1361610	6.64	837660	9.36	414338	11.34
240-57597-7	F-VB-UST-7-14	1397574	6.64	848234	9.36	420468	11.34
240-57597-8	F-VB-UST-8-14	1221245	6.64	712201	9.36	345698	11.34
240-57597-9	F-VB-UST-9-14	1423543	6.64	857394	9.36	412539	11.34
240-57597-10	F-VB-UST-10-14	1539979	6.64	947956	9.36	457583	11.34
240-57597-11	F-VB-UST-11-14	1382482	6.64	822070	9.36	396271	11.34
240-57597-12	F-VB-UST-12-14	1354784	6.64	808462	9.36	408687	11.34
240-57597-13	F-VB-UST-13-14	1299068	6.64	749701	9.36	370193	11.34
240-57597-14	F-VB-UST-14-14	1212543	6.64	728498	9.36	358599	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206267/3 Date Analyzed: 11/11/2015 10:39

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146358.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1511907	6.64	908062	9.37	416832	11.34
UPPER LIMIT		3023814	7.14	1816124	9.87	833664	11.84
LOWER LIMIT		755954	6.14	454031	8.87	208416	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206267/4		1401932	6.64	838774	9.36	393967	11.34
LCS 240-206267/5		1488652	6.64	913203	9.36	430177	11.34
MB 240-206267/6		1376673	6.64	826304	9.37	402736	11.34
240-57597-15	F-VB-UST-DUP	1258982	6.64	751722	9.36	367644	11.34
240-57597-15 MS	F-VB-UST-DUP MS	953829	6.64	561900	9.36	271317	11.34
240-57597-15 MSD	F-VB-UST-DUP MSD	1326891	6.64	791618	9.36	374548	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD8260 240-204067/4 Date Analyzed: 10/28/2015 13:51

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC3826A.D Heated Purge: (Y/N) N

Calibration ID: 31159

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2262723	4.98	1708800	7.64	900225	9.85
UPPER LIMIT		4525446	5.48	3417600	8.14	1800450	10.35
LOWER LIMIT		1131362	4.48	854400	7.14	450113	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204067/14		2244648	4.98	1717477	7.64	915948	9.85
ICV 240-204067/15		2191668	4.97	1675976	7.64	861710	9.85
CCVIS 240-206461/2		1685909	4.97	1402013	7.64	853216	9.85

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206461/2 Date Analyzed: 11/12/2015 10:41

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC4392.D Heated Purge: (Y/N) N

Calibration ID: 31161

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1685909	4.97	1402013	7.64	853216	9.85
UPPER LIMIT		3371818	5.47	2804026	8.14	1706432	10.35
LOWER LIMIT		842955	4.47	701007	7.14	426608	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-206461/4		1696051	4.97	1338674	7.64	737315	9.85
CCV 240-206461/3		1607750	4.97	1329730	7.64	731454	9.85
MB 240-206461/6		1530091	4.97	1276242	7.64	702637	9.85
240-57597-16	TB-110515	1547502	4.97	1309915	7.64	691488	9.85
240-57564-B-1 MS		1604429	4.97	1330852	7.64	805667	9.85
240-57564-B-1 MSD		1611108	4.97	1343144	7.64	800978	9.85

FB = Fluorobenzene
FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4
Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.81	U	5.0	0.81
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.79	U	5.0	0.79
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	3.9	J B	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.91	U	5.0	0.91
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.80	U	5.0	0.80
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.72	U	5.0	0.72
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.8	U	200	5.8
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.75	U	5.0	0.75
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.92	U	5.0	0.92
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.81	U	5.0	0.81
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.88	U	5.5	0.88
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	0.99	U	5.5	0.99
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.78	U	5.5	0.78
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.88	U	5.5	0.88
108-88-3	Toluene	0.30	U	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.9	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	U	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.87	U	5.5	0.87
563-58-6	1,1-Dichloropropene	0.40	U	5.5	0.40
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.85	U	5.5	0.85
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.41	U	5.5	0.41
95-63-6	1,2,4-Trimethylbenzene	0.63	U	5.5	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.75	U	5.5	0.75
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.74	U	22	0.74
106-43-4	4-Chlorotoluene	0.28	U	5.5	0.28
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.2	U	22	6.2
71-43-2	Benzene	0.98	U	5.5	0.98
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.64	U	5.5	0.64
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.40	U	5.5	0.40
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.86	U	5.5	0.86
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.77	U	5.5	0.77
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.2	U	220	6.2
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.64	U	11	0.64
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.64	U	5.5	0.64
103-65-1	N-Propylbenzene	0.65	U	5.5	0.65
95-47-6	o-Xylene	0.62	U	5.5	0.62
135-98-8	sec-Butylbenzene	0.99	U	5.5	0.99
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.87	U	5.5	0.87
108-88-3	Toluene	0.29	U	5.5	0.29
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.41	U	5.5	0.41
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.73	U	5.5	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	94		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U F2	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U F2	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U F1	23	1.4
67-64-1	Acetone	13	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U F2	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	J	5.8	0.41
104-51-8	n-Butylbenzene	0.68	U F2	5.8	0.68
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U F2	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U F1	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.8	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.45	J	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	4.1	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	U	5.8	0.48
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.78	U	23	0.78
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.48	U	5.8	0.48
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.41	U	5.8	0.41
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.48	U	5.8	0.48
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.33	U	5.8	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.48	U	12	0.48
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.0	U	5.8	1.0
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.33	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.8	0.33
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.33	U	5.8	0.33
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		67-125
1868-53-7	Dibromofluoromethane (Surr)	93		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.4	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	12	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.36	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	3.5	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.60	U	6.0	0.60
71-55-6	1,1,1-Trichloroethane	0.77	U	6.0	0.77
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	6.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	6.0	0.50
75-34-3	1,1-Dichloroethane	0.40	U	6.0	0.40
75-35-4	1,1-Dichloroethene	0.95	U	6.0	0.95
563-58-6	1,1-Dichloropropene	0.44	U	6.0	0.44
87-61-6	1,2,3-Trichlorobenzene	0.60	U	6.0	0.60
96-18-4	1,2,3-Trichloropropane	0.93	U	6.0	0.93
526-73-8	1,2,3-Trimethylbenzene	0.55	U	6.0	0.55
120-82-1	1,2,4-Trichlorobenzene	0.45	U	6.0	0.45
95-63-6	1,2,4-Trimethylbenzene	0.69	U	6.0	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	6.0	0.40
107-06-2	1,2-Dichloroethane	0.55	U	6.0	0.55
78-87-5	1,2-Dichloropropane	0.17	U	6.0	0.17
541-73-1	1,3-Dichlorobenzene	0.82	U	6.0	0.82
142-28-9	1,3-Dichloropropane	0.48	U	6.0	0.48
106-46-7	1,4-Dichlorobenzene	0.33	U	6.0	0.33
594-20-7	2,2-Dichloropropane	0.52	U	6.0	0.52
78-93-3	2-Butanone (MEK)	3.9	J B	24	1.3
110-75-8	2-Chloroethyl vinyl ether	0.76	U	60	0.76
95-49-8	2-Chlorotoluene	0.36	U	6.0	0.36
591-78-6	2-Hexanone	0.81	U	24	0.81
106-43-4	4-Chlorotoluene	0.31	U	6.0	0.31
99-87-6	p-Isopropyltoluene	0.49	U	6.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	24	1.5
67-64-1	Acetone	6.8	U	24	6.8
71-43-2	Benzene	1.1	U	6.0	1.1
108-86-1	Bromobenzene	0.39	U	6.0	0.39
75-25-2	Bromoform	0.29	U	6.0	0.29
74-83-9	Bromomethane	0.50	U	6.0	0.50
75-15-0	Carbon disulfide	0.70	U	6.0	0.70
56-23-5	Carbon tetrachloride	0.77	U	6.0	0.77
108-90-7	Chlorobenzene	0.63	U	6.0	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.44	U	6.0	0.44
75-00-3	Chloroethane	0.52	U	6.0	0.52
67-66-3	Chloroform	0.43	U	6.0	0.43
74-87-3	Chloromethane	0.94	U	6.0	0.94
156-59-2	cis-1,2-Dichloroethene	0.33	U	6.0	0.33
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.0	0.85
74-95-3	Dibromomethane	0.50	U	6.0	0.50
74-97-5	Bromochloromethane	0.39	U	6.0	0.39
75-71-8	Dichlorodifluoromethane	0.33	U	6.0	0.33
75-27-4	Bromodichloromethane	0.35	U	6.0	0.35
75-65-0	tert-Butyl alcohol (TBA)	6.8	U	240	6.8
100-41-4	Ethylbenzene	0.38	U	6.0	0.38
87-68-3	Hexachlorobutadiene	0.48	U	6.0	0.48
108-20-3	Diisopropyl ether	0.70	U	12	0.70
98-82-8	Isopropylbenzene	0.24	U	6.0	0.24
1634-04-4	Methyl tert-butyl ether	0.51	U	6.0	0.51
75-09-2	Methylene Chloride	0.88	U	6.0	0.88
179601-23-1	m-Xylene & p-Xylene	0.50	U	12	0.50
91-20-3	Naphthalene	0.42	U	6.0	0.42
104-51-8	n-Butylbenzene	0.70	U	6.0	0.70
103-65-1	N-Propylbenzene	0.71	U	6.0	0.71
95-47-6	o-Xylene	0.68	U	6.0	0.68
135-98-8	sec-Butylbenzene	1.1	U	6.0	1.1
100-42-5	Styrene	0.48	U	6.0	0.48
994-05-8	Tert-amyl methyl ether	0.51	U	6.0	0.51
637-92-3	Ethyl t-butyl ether	0.49	U	6.0	0.49
127-18-4	Tetrachloroethene	0.95	U	6.0	0.95
108-88-3	Toluene	0.32	U	6.0	0.32
156-60-5	trans-1,2-Dichloroethene	0.38	U	6.0	0.38
10061-02-6	trans-1,3-Dichloropropene	0.35	U	6.0	0.35
79-01-6	Trichloroethene	0.45	U	6.0	0.45
75-69-4	Trichlorofluoromethane	0.35	U	6.0	0.35
108-05-4	Vinyl acetate	0.79	U	12	0.79
75-01-4	Vinyl chloride	0.36	U	6.0	0.36
1330-20-7	Xylenes, Total	0.64	U	12	0.64
98-06-6	tert-Butylbenzene	0.80	U	6.0	0.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.63	U	6.0	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		67-125
1868-53-7	Dibromofluoromethane (Surr)	87		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.72	U	5.5	0.72
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.38	U	5.5	0.38
75-35-4	1,1-Dichloroethene	0.89	U	5.5	0.89
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.51	U	5.5	0.51
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.5	0.38
107-06-2	1,2-Dichloroethane	0.51	U	5.5	0.51
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.5	0.49
78-93-3	2-Butanone (MEK)	3.7	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.71	U	55	0.71
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	1.0	U	5.5	1.0
108-86-1	Bromobenzene	0.37	U	5.5	0.37
75-25-2	Bromoform	0.27	U	5.5	0.27
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.72	U	5.5	0.72
108-90-7	Chlorobenzene	0.59	U	5.5	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.49	U	5.5	0.49
67-66-3	Chloroform	0.40	U	5.5	0.40
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.79	U	5.5	0.79
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.37	U	5.5	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.5	0.48
75-09-2	Methylene Chloride	0.82	U	5.5	0.82
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.39	U	5.5	0.39
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.48	U	5.5	0.48
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.89	U	5.5	0.89
108-88-3	Toluene	0.30	J	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.73	U	11	0.73
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.60	U	11	0.60
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.59	U	5.5	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.52	U	5.2	0.52
71-55-6	1,1,1-Trichloroethane	0.67	U	5.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	5.2	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	U	5.2	0.43
75-34-3	1,1-Dichloroethane	0.35	U	5.2	0.35
75-35-4	1,1-Dichloroethene	0.83	U	5.2	0.83
563-58-6	1,1-Dichloropropene	0.38	U	5.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.52	U	5.2	0.52
96-18-4	1,2,3-Trichloropropane	0.81	U	5.2	0.81
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.2	0.48
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.2	0.39
95-63-6	1,2,4-Trimethylbenzene	0.60	U	5.2	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	2.8	U	10	2.8
95-50-1	1,2-Dichlorobenzene	0.35	U	5.2	0.35
107-06-2	1,2-Dichloroethane	0.48	U	5.2	0.48
78-87-5	1,2-Dichloropropane	0.14	U	5.2	0.14
541-73-1	1,3-Dichlorobenzene	0.71	U	5.2	0.71
142-28-9	1,3-Dichloropropane	0.41	U	5.2	0.41
106-46-7	1,4-Dichlorobenzene	0.29	U	5.2	0.29
594-20-7	2,2-Dichloropropane	0.45	U	5.2	0.45
78-93-3	2-Butanone (MEK)	3.1	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.66	U	52	0.66
95-49-8	2-Chlorotoluene	0.31	U	5.2	0.31
591-78-6	2-Hexanone	0.70	U	21	0.70
106-43-4	4-Chlorotoluene	0.27	U	5.2	0.27
99-87-6	p-Isopropyltoluene	0.42	U	5.2	0.42
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	5.9	U	21	5.9
71-43-2	Benzene	0.93	U	5.2	0.93
108-86-1	Bromobenzene	0.34	U	5.2	0.34
75-25-2	Bromoform	0.25	U	5.2	0.25
74-83-9	Bromomethane	0.43	U	5.2	0.43
75-15-0	Carbon disulfide	0.61	U	5.2	0.61
56-23-5	Carbon tetrachloride	0.67	U	5.2	0.67
108-90-7	Chlorobenzene	0.55	U	5.2	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.38	U	5.2	0.38
75-00-3	Chloroethane	0.45	U	5.2	0.45
67-66-3	Chloroform	0.37	U	5.2	0.37
74-87-3	Chloromethane	0.82	U	5.2	0.82
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.2	0.29
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.2	0.73
74-95-3	Dibromomethane	0.43	U	5.2	0.43
74-97-5	Bromochloromethane	0.34	U	5.2	0.34
75-71-8	Dichlorodifluoromethane	0.29	U	5.2	0.29
75-27-4	Bromodichloromethane	0.30	U	5.2	0.30
75-65-0	tert-Butyl alcohol (TBA)	5.9	U	210	5.9
100-41-4	Ethylbenzene	0.33	U	5.2	0.33
87-68-3	Hexachlorobutadiene	0.41	U	5.2	0.41
108-20-3	Diisopropyl ether	0.61	U	10	0.61
98-82-8	Isopropylbenzene	0.21	U	5.2	0.21
1634-04-4	Methyl tert-butyl ether	0.44	U	5.2	0.44
75-09-2	Methylene Chloride	0.76	U	5.2	0.76
179601-23-1	m-Xylene & p-Xylene	0.43	U	10	0.43
91-20-3	Naphthalene	0.36	U	5.2	0.36
104-51-8	n-Butylbenzene	0.61	U	5.2	0.61
103-65-1	N-Propylbenzene	0.62	U	5.2	0.62
95-47-6	o-Xylene	0.59	U	5.2	0.59
135-98-8	sec-Butylbenzene	0.94	U	5.2	0.94
100-42-5	Styrene	0.41	U	5.2	0.41
994-05-8	Tert-amyl methyl ether	0.44	U	5.2	0.44
637-92-3	Ethyl t-butyl ether	0.42	U	5.2	0.42
127-18-4	Tetrachloroethene	0.83	U	5.2	0.83
108-88-3	Toluene	0.28	U	5.2	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	5.2	0.33
10061-02-6	trans-1,3-Dichloropropene	0.30	U	5.2	0.30
79-01-6	Trichloroethene	0.39	U	5.2	0.39
75-69-4	Trichlorofluoromethane	0.30	U	5.2	0.30
108-05-4	Vinyl acetate	0.68	U	10	0.68
75-01-4	Vinyl chloride	0.31	U	5.2	0.31
1330-20-7	Xylenes, Total	0.56	U	10	0.56
98-06-6	tert-Butylbenzene	0.69	U	5.2	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.55	U	5.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	105		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	90		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.30	U	5.3	0.30
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	4.0	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.3	0.30
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.30	U	5.3	0.30
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.29	J	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	87		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	78		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.29	U	5.3	0.29
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	3.6	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.3	0.29
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.29	U	5.3	0.29
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.28	U	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.53	U	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	85		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		79-120
460-00-4	4-Bromofluorobenzene (Surr)	90		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-125

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-193150/20	144584.D
Level 2	IC 240-193150/19	144583.D
Level 3	IC 240-193150/18	144582.D
Level 4	IC 240-193150/17	144581.D
Level 5	IC 240-193150/16	144580.D
Level 6	IC 240-193150/15	144579.D
Level 7	IC 240-193150/14	144578.D
Level 8	IC 240-193150/13	144577.D
Level 9	IC 240-193150/12	144576.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0270 0.0217	0.0199 0.0226	0.0223 0.0219	0.0211 0.0222	0.0231	Ave		0.0224				8.8		15.0			
2-Chloro-1,3-butadiene	0.3946 0.4330	0.4036 0.4520	0.4843 0.4367	0.4330 0.4384	0.4314	Ave		0.4341				6.0		15.0			
Diisopropyl ether	0.1991 0.2087	0.1920 0.2170	0.2189 0.2067	0.2161 0.2066	0.2062	Ave		0.2079				4.2		15.0			
Ethyl t-butyl ether	0.8061 0.8145	0.8124 0.8609	0.8459 0.8423	0.8104 0.8475	0.7961	Ave		0.8262				2.8		15.0			
Ethyl acetate	0.2082 0.1555	0.1520 0.1600	0.1502 0.1572	0.1518 0.1578	0.1525	Ave		0.1606				11.3		15.0			
Propionitrile	0.0291 0.0267	0.0294 0.0281	0.0277 0.0272	0.0279 0.0272	0.0264	Ave		0.0278				3.7		15.0			
Methacrylonitrile	0.1071 0.1082	0.1056 0.1106	0.1086 0.1043	0.1077 0.1034	0.1075	Ave		0.1070				2.1		15.0			
Tert-amyl methyl ether	0.6617 0.6962	0.6767 0.7331	0.7307 0.7077	0.7151 0.7140	0.6826	Ave		0.7020				3.5		15.0			
n-Butanol	0.0138 0.0096	0.0095 0.0106	0.0097 0.0104	0.0114 0.0105	0.0089	Ave		0.0105				13.7		15.0			
Ethyl acrylate	0.2316 0.2216	0.2219 0.2309	0.2178 0.2294	0.2151 0.2318	0.2122	Ave		0.2236				3.4		15.0			
Methyl methacrylate	0.1524 0.1436	0.1363 0.1478	0.1383 0.1452	0.1404 0.1466	0.1384	Ave		0.1432				3.7		15.0			
2-Nitropropane	+++++ 0.0226	0.0209 0.0266	0.0198 0.0269	0.0195 0.0236	0.0194	Ave		0.0224				13.7		15.0			
n-Butyl acetate	+++++ 0.3716	+++++ 0.3944	0.4011 0.3902	0.3921 0.3867	0.3596	Ave		0.3851				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Chlorohexane	0.4929 0.4383	0.4320 0.4614	0.4729 0.4436	0.4373 0.4435	0.4315	Ave		0.4504				4.7		15.0			
Cyclohexanone	0.0128 0.0108	0.0155 0.0119	0.0120 0.0114	0.0149 0.0114	0.0103	Ave		0.0123				14.4		15.0			
1,2,3-Trimethylbenzene	2.8189 3.0746	2.8992 3.2639	3.1500 3.1145	3.0040 3.0651	2.9168	Ave		3.0341				4.6		15.0			
1,3,5-Trichlorobenzene	1.1368 1.0908	1.0640 1.1383	1.1518 1.0486	1.1209 1.0391	1.0725	Ave		1.0959				3.9		15.0			
2-Methylnaphthalene	1.1258 1.2729	1.0980 1.4105	1.0984 1.2876	1.2519 1.2359	1.1966	Ave		1.2197				8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-193150/20	144584.D
Level 2	IC 240-193150/19	144583.D
Level 3	IC 240-193150/18	144582.D
Level 4	IC 240-193150/17	144581.D
Level 5	IC 240-193150/16	144580.D
Level 6	IC 240-193150/15	144579.D
Level 7	IC 240-193150/14	144578.D
Level 8	IC 240-193150/13	144577.D
Level 9	IC 240-193150/12	144576.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetonitrile	FB	Ave	7388 303462	10973 632599	30131 1256831	59051 1567842	126527	10.0 500	20.0 1000	50.0 2000	100 2500	200
2-Chloro-1,3-butadiene	FB	Ave	10787 606721	22288 1265427	65473 2509599	121146 3096439	236791	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Diisopropyl ether	FB	Ave	5444 292480	10602 607343	29596 1187824	60452 1459333	113175	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl t-butyl ether	FB	Ave	22036 1141245	44869 2409991	114365 4840430	226764 5986416	436960	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl acetate	FB	Ave	11385 435795	16786 895870	40612 1806750	84961 2228660	167431	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Propionitrile	FB	Ave	7963 374531	16256 786705	37500 1563948	77984 1921197	145100	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methacrylonitrile	FB	Ave	29273 1516021	58312 3095674	146830 5994798	301406 7302328	590265	10.0 500	20.0 1000	50.0 2000	100 2500	200
Tert-amyl methyl ether	FB	Ave	18089 975479	37373 2052126	98783 4066811	200083 5043426	374623	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butanol	CBZ	Ave	5835 210549	8000 460443	20632 903775	49843 1135945	77408	25.0 1250	50.0 2500	125 5000	250 6250	500
Ethyl acrylate	FB	Ave	6332 310518	12255 646338	29451 1317957	60196 1637141	116465	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl methacrylate	FB	Ave	8332 402313	15055 827639	37395 1668202	78576 2071659	151896	2.00 100	4.00 200	10.0 400	20.0 500	40.0
2-Nitropropane	FB	Ave	+++++ 63467	2313 149194	5344 309024	10920 333900	21282	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
n-Butyl acetate	CBZ	Ave	+++++ 325474	+++++ 683511	34073 1362203	68874 1673169	125276	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1-Chlorohexane	CBZ	Ave	8362 383892	14627 799511	40171 1548771	76810 1919108	150333	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Cyclohexanone	CBZ	Ave	2169 94475	5243 205876	10210 398420	26100 493296	35769	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,2,3-Trimethylbenzene	DCB	Ave	22714 1297881	46268 2748737	129836 5348625	256074 6584366	492514	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trichlorobenzene	DCB	Ave	9160 460463	16981 958626	47473 1800789	95549 2232228	181103	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methylnaphthalene	DCB	Ave	18143 1074702	35046 2375842	90547 4422384	213428 5309881	404111	2.00 100	4.00 200	10.0 400	20.0 500	40.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-196026/11	144943.D
Level 2	IC 240-196026/10	144942.D
Level 3	IC 240-196026/9	144941.D
Level 4	IC 240-196026/8	144940.D
Level 5	IC 240-196026/7	144939.D
Level 6	ICIS 240-196026/6	144938.D
Level 7	IC 240-196026/5	144937.D
Level 8	IC 240-196026/4	144936.D
Level 9	IC 240-196026/3	144935.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.2391	+++++ 0.2507	0.2470 0.2355	0.2306 0.2458	0.2468	Ave		0.2422			0.1000	3.0		15.0			
Chloromethane	0.3754 0.3823	0.4019 0.3850	0.3740 0.3707	0.3723 0.3714	0.3751	Ave		0.3787			0.1000	2.6		15.0			
Vinyl chloride	0.2535 0.2723	0.2872 0.2816	0.2779 0.2705	0.2715 0.2802	0.2773	Ave		0.2747			0.1000	3.5		15.0			
Butadiene	0.2421 0.3144	0.2898 0.3180	0.3006 0.3092	0.3016 0.3170	0.3102	Ave		0.3003				7.9		15.0			
Bromomethane	0.1681 0.1234	0.1376 +++++	0.1308 +++++	0.1354 +++++	0.1348	Ave		0.1383			0.0500	11.1		15.0			
Chloroethane	0.1729 0.1392	0.1452 0.1270	0.1461 +++++	0.1422 +++++	0.1409	Ave		0.1448				9.6		15.0			
Dichlorofluoromethane	0.3353 0.3214	0.3424 0.3238	0.3254 0.3013	0.3326 0.3083	0.3302	Ave		0.3245				4.0		15.0			
Trichlorofluoromethane	0.2372 0.3085	0.2496 0.3130	0.2776 0.2931	0.2862 0.3038	0.2978	Ave		0.2852			0.1000	9.2		15.0			
Ethyl ether	0.2263 0.1633	0.1893 0.1738	0.1892 0.1620	0.1718 0.1640	0.1839	Ave		0.1804				11.2		15.0			
Acrolein	0.0216 0.0171	0.0159 0.0175	0.0196 +++++	0.0166 +++++	0.0179	Ave		0.0180				10.9		15.0			
1,1-Dichloroethene	0.2079 0.2313	0.1781 0.2399	0.2268 0.2226	0.2292 0.2287	0.2305	Ave		0.2217			0.1000	8.3		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1337 0.1711	0.1398 0.1761	0.1720 0.1647	0.1739 0.1677	0.1631	Ave		0.1625			0.0500	9.4		15.0			
Acetone	+++++ 0.0712	+++++ 0.0711	0.1266 0.0622	0.0892 0.0631	0.0783	Lin1	0.6353	0.0626			0.0500				0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.3031 0.3309	0.3161 0.3401	0.3156 0.3166	0.3107 0.3246	0.3168	Ave		0.3194				3.4		15.0			
Carbon disulfide	+++++ 0.6938	+++++ 0.7470	0.5786 0.7111	0.6047 0.7368	0.6277	Ave		0.6714			0.1000	10.0		15.0			
3-Chloro-1-propene	+++++ 0.1475	+++++ 0.1563	0.1275 0.1460	0.1372 0.1497	0.1368	Ave		0.1430				6.8		15.0			
Methyl acetate	0.1615 0.1574	0.1594 0.1602	0.1513 0.1539	0.1584 0.1527	0.1554	Ave		0.1567			0.1000	2.3		15.0			
Methylene Chloride	+++++ 0.2588	+++++ 0.2535	0.5579 0.2285	0.3574 0.2329	0.3001	Lin1	1.5559	0.2263			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0223 0.0196	0.0192 0.0202	0.0186 0.0190	0.0196 0.0197	0.0203	Ave		0.0198				5.4		15.0			
trans-1,2-Dichloroethene	0.2358 0.2589	0.2329 0.2662	0.2511 0.2514	0.2599 0.2562	0.2510	Ave		0.2515			0.1000	4.3		15.0			
Methyl tert-butyl ether	0.5407 0.5781	0.5287 0.5970	0.5676 0.5608	0.5729 0.5665	0.5729	Ave		0.5650			0.1000	3.6		15.0			
Acrylonitrile	0.0788 0.0761	0.0771 0.0770	0.0752 0.0728	0.0765 0.0724	0.0759	Ave		0.0757				2.7		15.0			
Hexane	+++++ 0.0773	+++++ 0.0782	0.1040 0.0738	0.0811 0.0760	0.0806	Ave		0.0816				12.5		15.0			
1,1-Dichloroethane	0.4672 0.5014	0.4509 0.5208	0.4998 0.4916	0.4999 0.5087	0.4920	Ave		0.4925			0.1000	4.3		15.0			
Vinyl acetate	0.0241 0.0308	0.0166 0.0307	0.0238 +++++	0.0268 +++++	0.0267	Lin1	-0.018	0.0303							0.9970		0.9900
2,2-Dichloropropane	0.1821 0.2315	0.1870 0.2370	0.2083 0.2070	0.2175 0.2121	0.2141	Ave		0.2107				8.5		15.0			
cis-1,2-Dichloroethene	0.2557 0.2665	0.2545 0.2811	0.2602 0.2612	0.2694 0.2684	0.2713	Ave		0.2654			0.1000	3.2		15.0			
2-Butanone (MEK)	+++++ 0.0942	0.1118 0.0991	0.0952 0.0916	0.0894 0.0929	0.0959	Ave		0.0962			0.0500	7.2		15.0			
Bromochloromethane	0.0858 0.1003	0.0854 0.1062	0.0973 0.1000	0.0967 0.1004	0.0986	Ave		0.0967				7.1		15.0			
Tetrahydrofuran	+++++ 0.0638	0.0727 0.0652	0.0687 0.0628	0.0716 0.0619	0.0652	Ave		0.0665				6.1		15.0			
Chloroform	0.4109 0.3987	0.3844 0.4148	0.3916 0.3944	0.3857 0.4100	0.3904	Ave		0.3979				2.9		15.0			
1,1,1-Trichloroethane	0.2815 0.3335	0.2455 0.3520	0.3014 0.3288	0.3164 0.3392	0.3164	Ave		0.3127			0.1000	10.5		15.0			
Cyclohexane	0.5387 0.6083	0.4961 0.6348	0.6113 0.5854	0.6257 0.6043	0.6056	Ave		0.5900			0.1000	7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.1974 0.2765	0.2070 0.2949	0.2344 0.2806	0.2508 0.2887	0.2562	Ave		0.2541			0.1000	13.8		15.0			
1,1-Dichloropropene	+++++ 0.3352	+++++ 0.3502	0.3354 0.3258	0.3276 0.3378	0.3200	Ave		0.3331				3.0		15.0			
Benzene	0.9461 1.0076	0.9369 1.0637	0.9831 0.9992	1.0297 1.0364	0.9873	Ave		0.9989			0.5000	4.1		15.0			
Isobutyl alcohol	0.0079 0.0070	0.0073 0.0070	0.0070 0.0065	0.0074 0.0064	0.0078	Ave		0.0071				7.3		15.0			
1,2-Dichloroethane	0.2922 0.2806	0.2538 0.2902	0.2809 0.2746	0.2857 0.2775	0.2775	Ave		0.2792			0.1000	4.0		15.0			
n-Heptane	0.0495 0.0719	0.0549 0.0771	0.0671 0.0732	0.0733 0.0762	0.0704	Ave		0.0682				14.1		15.0			
Trichloroethene	0.2322 0.2352	0.1925 0.2515	0.2312 0.2339	0.2474 0.2400	0.2383	Ave		0.2336			0.2000	7.2		15.0			
Methylcyclohexane	0.3977 0.5007	0.4180 0.5258	0.5131 0.4892	0.4996 0.5023	0.4970	Ave		0.4826			0.1000	9.1		15.0			
1,2-Dichloropropane	0.2351 0.2464	0.2304 0.2703	0.2458 0.2552	0.2519 0.2638	0.2445	Ave		0.2493			0.1000	5.1		15.0			
Dibromomethane	0.1138 0.1049	0.0928 0.1099	0.1030 0.1045	0.0989 0.1052	0.1030	Ave		0.1040				5.7		15.0			
1,4-Dioxane	0.0016 0.0015	0.0018 0.0016	0.0017 0.0016	0.0016 0.0016	0.0018	Ave		0.0017				5.4		15.0			
Bromodichloromethane	+++++ 0.2583	+++++ 0.2789	0.2043 0.2740	0.2214 0.2839	0.2350	Ave		0.2508			0.1000	12.3		15.0			
2-Chloroethyl vinyl ether	0.0880 0.0981	0.0738 0.1047	0.0849 0.1021	0.0908 0.1040	0.0933	Ave		0.0933				10.9		15.0			
cis-1,3-Dichloropropene	+++++ 0.3137	+++++ 0.3452	0.2529 0.3385	0.2764 0.3487	0.2874	Ave		0.3090			0.1500	12.2		15.0			
4-Methyl-2-pentanone (MIBK)	0.3475 0.3097	0.3025 0.3146	0.3102 0.2962	0.3082 0.2899	0.3133	Ave		0.3102			0.0500	5.2		15.0			
Toluene	1.6889 1.6108	1.5730 1.6794	1.5789 1.5858	1.6326 1.6292	1.5722	Ave		1.6167			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	+++++ 0.3786	+++++ 0.4056	0.2981 0.3958	0.3438 0.4021	0.3521	Ave		0.3680			0.1000	10.6		15.0			
Ethyl methacrylate	0.3411 0.2949	0.2728 0.3134	0.2921 0.2986	0.3041 0.3000	0.2937	Ave		0.3012				6.1		15.0			
1,1,2-Trichloroethane	0.2387 0.2409	0.2020 0.2502	0.2341 0.2296	0.2342 0.2336	0.2367	Ave		0.2333			0.1000	5.6		15.0			
Tetrachloroethene	0.2604 0.2924	0.2503 0.3024	0.2921 0.2817	0.2907 0.2908	0.2885	Ave		0.2833			0.2000	6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.4985 0.4202	0.3942 0.4386	0.3932 0.4193	0.4331 0.4249	0.4155	Ave		0.4264				7.3		15.0			
2-Hexanone	0.2259 0.1948	0.2056 0.1966	0.2059 0.1806	0.2139 0.1792	0.2041	Ave		0.2007			0.0500	7.5		15.0			
Dibromochloromethane	+++++ 0.2379	0.1676 0.2584	0.1731 0.2529	0.1970 0.2554	0.2047	Lin1	-0.324	0.2543							0.9990		0.9900
1,2-Dibromoethane	0.1915 0.2254	0.1731 0.2352	0.2140 0.2225	0.2199 0.2231	0.2195	Ave		0.2138				9.0		15.0			
Chlorobenzene	0.8957 0.9330	0.9144 0.9681	0.9220 0.9247	0.9499 0.9450	0.9159	Ave		0.9298			0.3000	2.3		15.0			
1,1,1,2-Tetrachloroethane	0.2424 0.3183	0.2461 0.3292	0.2688 0.3070	0.2915 0.3071	0.3010	Ave		0.2902				10.7		15.0			
Ethylbenzene	0.4967 0.5429	0.5117 0.5557	0.5343 0.5186	0.5496 0.5291	0.5275	Ave		0.5296				3.5		15.0			
m-Xylene & p-Xylene	0.6493 0.6610	0.5935 0.6804	0.6630 0.6340	0.6529 0.6481	0.6392	Ave		0.6468				3.7		15.0			
o-Xylene	0.6484 0.6613	0.5588 0.6783	0.6201 0.6144	0.6581 0.6145	0.6575	Ave		0.6346				5.7		15.0			
Styrene	0.9630 0.9968	0.8800 1.0308	0.8828 0.9707	0.9401 0.9819	0.9540	Ave		0.9556			0.3000	5.2		15.0			
Bromoform	0.0617 0.1189	0.0736 0.1321	0.0749 0.1315	0.0937 0.1318	0.0977	Lin1	-0.136	0.1302			0.1000				0.9970		0.9900
Isopropylbenzene	1.6615 1.8186	1.5426 1.8815	1.7312 1.7266	1.7956 1.7460	1.7709	Ave		1.7416			0.1000	5.6		15.0			
Bromobenzene	0.7018 0.7269	0.6199 0.7522	0.6741 0.7263	0.7025 0.7372	0.6965	Ave		0.7042				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.5544 0.6344	0.5565 0.6397	0.5491 0.6163	0.5930 0.5999	0.6184	Ave		0.5958			0.3000	5.9		15.0			
1,2,3-Trichloropropane	0.1905 0.1847	0.1628 0.1813	0.1632 0.1748	0.1767 0.1723	0.1805	Ave		0.1763				5.3		15.0			
trans-1,4-Dichloro-2-butene	0.2675 0.2192	0.1583 0.2222	0.1934 0.2263	0.2038 0.2273	0.2186	Ave		0.2152				13.7		15.0			
N-Propylbenzene	0.9746 1.0339	0.8541 1.0565	0.8793 1.0140	0.9898 1.0407	0.9489	Ave		0.9769				7.3		15.0			
2-Chlorotoluene	0.8414 0.8319	0.6742 0.8400	0.7804 0.8160	0.8063 0.8183	0.8038	Ave		0.8014				6.4		15.0			
1,3,5-Trimethylbenzene	2.7121 3.3648	2.7168 3.3834	2.9008 3.2276	3.1601 3.2885	3.1601	Ave		3.1016				8.4		15.0			
4-Chlorotoluene	0.8033 0.7833	0.7373 0.8244	0.7337 0.7938	0.7735 0.8011	0.7475	Ave		0.7776				4.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.3374 2.9631	2.4133 3.0556	2.6550 2.8376	2.8314 2.8634	2.8090	Ave		2.7518				8.7		15.0			
1,2,4-Trimethylbenzene	2.7336 3.2868	2.6205 3.3941	2.8875 3.2352	3.0975 3.2908	3.1820	Ave		3.0809				8.8		15.0			
sec-Butylbenzene	3.5842 4.5688	3.5902 4.6258	3.9612 4.3978	4.2686 4.4271	4.3250	Ave		4.1943				9.4		15.0			
1,3-Dichlorobenzene	1.4872 1.4944	1.4279 1.5057	1.4500 1.4639	1.4918 1.4763	1.4693	Ave		1.4741			0.6000	1.7		15.0			
p-Isopropyltoluene	2.6700 3.5326	2.7312 3.5868	3.1681 3.3752	3.3032 3.4312	3.3784	Ave		3.2418				10.2		15.0			
1,4-Dichlorobenzene	1.6796 1.4771	1.4525 1.4817	1.3997 1.4447	1.4789 1.4779	1.4661	Ave		1.4842			0.5000	5.2		15.0			
n-Butylbenzene	2.6703 3.3398	2.7947 3.4180	3.0393 3.3135	3.1433 3.3757	3.2352	Ave		3.1478				8.4		15.0			
1,2-Dichlorobenzene	1.5577 1.4312	1.4056 1.4532	1.3574 1.3836	1.4146 1.3837	1.4022	Ave		1.4210			0.4000	4.1		15.0			
1,2-Dibromo-3-Chloropropane	0.0691 0.0964	0.0727 0.1007	0.0775 0.1005	0.0817 0.0987	0.0866	Ave		0.0871			0.0500	14.3		15.0			
1,2,4-Trichlorobenzene	0.9903 0.9952	0.9066 0.9801	0.9495 0.9392	1.0303 0.9542	1.0144	Ave		0.9733			0.2000	4.0		15.0			
Hexachlorobutadiene	0.3960 0.5853	0.4364 0.5796	0.5790 0.5455	0.5879 0.5625	0.5837	Ave		0.5396				13.3		15.0			
Naphthalene	2.5487 2.3198	2.2039 2.2590	2.1592 2.1437	2.2755 2.0812	2.3749	Ave		2.2629				6.2		15.0			
1,2,3-Trichlorobenzene	0.9121 0.9513	0.9280 0.9117	0.9440 0.8603	0.9768 0.8520	0.9646	Ave		0.9223				4.7		15.0			
Dibromofluoromethane (Surr)	+++++ 0.2047	+++++ 0.2121	0.2454 0.1982	0.2289 0.2019	0.2161	Ave		0.2154				7.8		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2276	+++++ 0.2392	0.3027 0.2282	0.2781 0.2330	0.2521	Ave		0.2516				11.4		15.0			
Toluene-d8 (Surr)	+++++ 1.4443	+++++ 1.4774	1.8704 1.3884	1.6510 1.4120	1.5274	Ave		1.5387				11.1		15.0			
4-Bromofluorobenzene (Surr)	+++++ 1.0832	+++++ 1.0727	1.4341 1.0549	1.2044 1.0662	1.1169	Ave		1.1475				11.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-196026/11	144943.D
Level 2	IC 240-196026/10	144942.D
Level 3	IC 240-196026/9	144941.D
Level 4	IC 240-196026/8	144940.D
Level 5	IC 240-196026/7	144939.D
Level 6	ICIS 240-196026/6	144938.D
Level 7	IC 240-196026/5	144937.D
Level 8	IC 240-196026/4	144936.D
Level 9	IC 240-196026/3	144935.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 356137	+++++ 748933	36569 1466377	68169 1835598	147021	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	10383 569551	22625 1150096	55373 2307997	110043 2773342	223410	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	7011 405713	16172 841040	41149 1684326	80229 2092495	165146	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Butadiene	FB	Ave	6696 468393	16314 949979	44512 1925445	89146 2367224	184770	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Ave	4648 183791	7747 +++++	19368 +++++	40006 +++++	80268	1.00 50.0	2.00 +++++	5.00 +++++	10.0 +++++	20.0
Chloroethane	FB	Ave	4781 207308	8175 379413	21638 +++++	42019 +++++	83922	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
Dichlorofluoromethane	FB	Ave	9272 478742	19276 967265	48180 1875722	98295 2301848	196686	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	6559 459614	14053 934958	41107 1824715	84588 2268583	177390	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl ether	FB	Ave	6258 243336	10659 519027	28019 1008376	50769 1224410	109526	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	2993 127696	4483 261405	14479 +++++	24467 +++++	53257	5.00 250	10.0 500	25.0 +++++	50.0 +++++	100
1,1-Dichloroethene	FB	Ave	5750 344590	10027 716734	33584 1386108	67737 1707262	137258	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	3699 254932	7868 526084	25468 1025667	51393 1251857	97164	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	+++++ 212159	+++++ 424676	37501 774275	52703 941871	93287	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	8383 493006	17794 1015933	46725 1971089	91832 2423809	188704	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbon disulfide	FB	Ave	+++++ 1033515	+++++ 2231244	85670 4427381	178714 5501396	373862	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
3-Chloro-1-propene	FB	Ave	+++++ 219767	+++++ 467005	18885 908999	40539 1117889	81474	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Methyl acetate	FB	Ave	22330 1172266	44885 2392801	112036 4789789	234059 5701867	462647	5.00 250	10.0 500	25.0 1000	50.0 1250	100
Methylene Chloride	FB	Lin1	+++++ 385484	+++++ 757088	82611 1422440	105644 1738961	178739	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
tert-Butyl alcohol (TBA)	FB	Ave	6178 292151	10809 601929	27588 1184581	57843 1471581	120716	10.0 500	20.0 1000	50.0 2000	100 2500	200
trans-1,2-Dichloroethene	FB	Ave	6522 385670	13114 795293	37178 1565230	76822 1912734	149499	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	14953 861134	29764 1783409	84049 3491615	169317 4230179	341246	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrylonitrile	FB	Ave	21785 1133959	43399 2301252	111279 4534284	225966 5402864	451855	10.0 500	20.0 1000	50.0 2000	100 2500	200
Hexane	FB	Ave	+++++ 115126	+++++ 233508	15392 459224	23963 567539	48009	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	12922 746990	25387 1555732	74007 3060770	147740 3798439	293058	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Lin1	667 45823	932 91562	3519 +++++	7932 +++++	15884	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
2,2-Dichloropropane	FB	Ave	5036 344804	10529 708031	30835 1289042	64289 1583856	127532	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	7073 396968	14329 839540	38524 1626156	79621 2004348	161592	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Ave	+++++ 280552	12585 591753	28186 1140829	52850 1386909	114195	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	2372 149423	4806 317360	14400 622349	28593 749740	58707	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Ave	+++++ 189961	8190 389802	20359 781838	42328 924687	77626	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
Chloroform	FB	Ave	11364 593941	21643 1239162	57984 2455954	113989 3061654	232521	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	7784 496863	13820 1051452	44626 2047378	93504 2532683	188459	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	14900 906203	27932 1896235	90514 3644821	184933 4512267	360725	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Ave	5460 411902	11655 880737	34704 1747228	74120 2155848	152621	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	+++++ 499401	+++++ 1046178	49664 2028361	96828 2521880	190594	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzene	FB	Ave	26167 1500996	52745 3177421	145567 6221614	304344 7738061	588026	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isobutyl alcohol	FB	Ave	5460 261074	10213 525940	25933 1010906	54805 1189785	116205	25.0 1250	50.0 2500	125 5000	250 6250	500
1,2-Dichloroethane	FB	Ave	8081 418078	14287 866965	41595 1709845	84448 2072165	165251	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Heptane	FB	Ave	1370 107045	3089 230164	9941 455483	21652 568917	41942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	6423 350358	10835 751379	34227 1456606	73115 1792315	141942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methylcyclohexane	FB	Ave	10999 745915	23534 1570602	75969 3045944	147660 3750421	296027	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	6501 367015	12972 807304	36398 1589013	74445 1969959	145632	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	3146 156268	5223 328160	15254 650540	29240 785166	61356	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	896 45240	2050 96254	4894 200368	9657 245495	21042	20.0 1000	40.0 2000	100 4000	200 5000	400
Bromodichloromethane	FB	Ave	+++++ 384799	+++++ 832998	30251 1706175	65422 2119797	139991	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Ave	4867 292355	8305 625520	25131 1271843	53690 1553516	111110	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 467262	+++++ 1031197	37447 2107636	81678 2603965	171161	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	11429 563617	20282 1178361	55788 2332635	109762 2766526	227626	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	27774 1465877	52739 3144782	141953 6243364	290701 7772646	571155	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 344567	+++++ 759613	26806 1558216	61223 1918393	127919	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Ave	5609 268334	9146 586878	26258 1175568	54145 1431045	106690	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	3926 219261	6772 468456	21044 904034	41703 1114274	86000	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	4283 266087	8391 566338	26258 1109089	51758 1387568	104805	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	8198 382372	13218 821259	35354 1650749	77111 2027259	150930	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	7429 354469	13785 736413	37025 1421673	76163 1709783	148306	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Lin1	+++++ 216458	5618 483817	15565 995515	35077 1218638	74370	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromoethane	CBZ	Ave	3150 205128	5804 440477	19238 875919	39164 1064183	79732	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	14730 849090	30658 1812785	82892 3640404	169143 4508577	332714	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3986 289664	8252 616483	24169 1208539	51910 1465339	109363	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	8169 494070	17157 1040646	48037 2041599	97870 2524079	191624	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	10677 601578	19898 1274050	59612 2495890	116259 3091955	232208	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
o-Xylene	CBZ	Ave	10663 601783	18737 1270093	55753 2418978	117189 2931823	238863	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	15837 907146	29506 1930215	79372 3821764	167399 4684740	346563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Lin1	1015 108179	2467 247433	6730 517661	16693 628700	35497	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBZ	Ave	27324 1654997	51721 3523233	155645 6797585	319732 8330012	643348	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	5573 295347	9956 626961	28765 1217640	58476 1492683	116607	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	4403 257748	8937 533250	23432 1033232	49363 1214765	103530	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	1513 75031	2614 151158	6965 293104	14705 348980	30218	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2124 89070	2543 185204	8252 379325	16966 460351	36604	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	7740 420052	13717 880640	37524 1699968	82391 2107190	158855	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	6682 337984	10827 700147	33303 1368070	67113 1656963	134563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	21538 1367130	43631 2820139	123786 5410976	263032 6658839	529049	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	6379 318271	11841 687196	31307 1330849	64384 1622168	125148	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	18562 1203890	38757 2546917	113296 4757117	235674 5798117	470266	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	21708 1335433	42084 2829044	123218 5423776	257826 6663540	532704	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	28463 1856287	57658 3855727	169034 7372707	355305 8964364	724063	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	11810 607174	22932 1255024	61875 2454144	124176 2989387	245980	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
p-Isopropyltoluene	DCB	Ave	21203 1435272	43863 2989705	135190 5658412	274948 6947777	565586	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	13338 600156	23326 1235039	59729 2421962	123097 2992653	245441	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	21206 1356939	44882 2849004	129694 5555001	261638 6835319	541621	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	12370 581486	22574 1211298	57923 2319608	117745 2801754	234745	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	549 39179	1167 83939	3309 168459	6800 199946	14490	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	7864 404356	14560 816947	40518 1574505	85761 1932210	169826	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	3145 237801	7009 483093	24708 914525	48937 1138913	97726	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	20240 942540	35394 1882955	92141 3593926	189406 4214177	397593	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	7243 386525	14903 759901	40282 1442298	81306 1725103	161494	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Ave	+++++ 304994	+++++ 633562	36336 1234341	67662 1507714	128718	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 339100	+++++ 714630	44817 1421037	82196 1739346	150166	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 1314337	+++++ 2766497	168163 5466311	293978 6736325	554888	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Ave	+++++ 440117	+++++ 894108	61195 1768529	100246 2158955	186984	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-204067/7	UXC3829A.D
Level 2	STD8260 240-204067/6	UXC3828A.D
Level 3	STD8260 240-204067/5	UXC3827A.D
Level 4	STD8260 240-204067/4	UXC3826A.D
Level 5	STD8260 240-204067/3	UXC3825A.D
Level 6	STD8260 240-204067/2	UXC3824A.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3763 0.4630	0.3685	0.4347	0.4095	0.4415	Ave		0.4156			0.1000	9.1		15.0			
Chloromethane	0.3134 0.3006	0.2822	0.3097	0.2949	0.3057	Ave		0.3011			0.1000	3.8		15.0			
Vinyl chloride	0.3653 0.3315	0.3066	0.3371	0.3133	0.3248	Ave		0.3298			0.1000	6.3		15.0			
Butadiene	0.3149 0.2921	0.2799	0.2958	0.2812	0.2944	Ave		0.2931				4.3		15.0			
Bromomethane	0.1768 0.1785	0.1856	0.1888	0.1677	0.1766	Ave		0.1790			0.0500	4.2		15.0			
Chloroethane	0.2170 0.1827	0.1810	0.1946	0.1792	0.1864	Ave		0.1902				7.5		15.0			
Dichlorofluoromethane	0.5491 0.5336	0.5008	0.5423	0.5081	0.5307	Ave		0.5274				3.6		15.0			
Trichlorofluoromethane	0.4290 0.5156	0.4293	0.4745	0.4580	0.4761	Ave		0.4637			0.1000	7.1		15.0			
Ethyl ether	0.2524 0.2058	0.2022	0.2174	0.2184	0.2166	Ave		0.2188				8.1		15.0			
Acrolein	0.0194 0.0208	0.0195	0.0213	0.0216	0.0207	Ave		0.0206				4.5		15.0			
1,1-Dichloroethene	0.3192 0.3103	0.3026	0.3175	0.3087	0.3189	Ave		0.3129			0.1000	2.2		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2468 0.2655	0.2417	0.2611	0.2571	0.2662	Ave		0.2564			0.0500	3.9		15.0			
Acetone	0.1494 0.0756	0.1046	0.0806	0.0779	0.0760	Lin1	0.1360	0.0728			0.0500				0.9990		0.9900
Iodomethane	0.4808 0.4866	0.4808	0.4981	0.4871	0.4948	Ave		0.4880				1.5		15.0			
Carbon disulfide	0.8042 0.9355	0.7777	0.8325	0.8658	0.9300	Ave		0.8576			0.1000	7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1574 0.1826	0.1531	0.1725	0.1821	0.1872	Ave		0.1725				8.3		15.0			
Methyl acetate	0.1529 0.1529	0.1449	0.1499	0.1485	0.1560	Ave		0.1509			0.1000	2.6		15.0			
Methylene Chloride	0.6600 0.3263	0.4591	0.4025	0.3526	0.3465	Lin1	0.3272	0.3223			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0126 0.0126	0.0137	0.0130	0.0136	0.0145	Ave		0.0133				5.5		15.0			
Methyl tert-butyl ether	0.7083 0.8027	0.7349	0.7554	0.7782	0.8151	Ave		0.7657			0.1000	5.3		15.0			
trans-1,2-Dichloroethene	0.3546 0.3362	0.3350	0.3511	0.3434	0.3491	Ave		0.3449			0.1000	2.3		15.0			
Acrylonitrile	0.0807 0.0839	0.0777	0.0809	0.0821	0.0849	Ave		0.0817				3.1		15.0			
Hexane	0.0897 0.0895	0.0775	0.0959	0.0883	0.0933	Ave		0.0890				7.1		15.0			
1,1-Dichloroethane	0.6004 0.5990	0.5656	0.6055	0.5988	0.6163	Ave		0.5976			0.1000	2.9		15.0			
Vinyl acetate	0.2891 0.3663	0.2933	0.3167	0.3246	0.3559	Ave		0.3243				9.8		15.0			
2,2-Dichloropropane	0.2966 0.3299	0.3036	0.3180	0.3379	0.3501	Ave		0.3227				6.4		15.0			
cis-1,2-Dichloroethene	0.3967 0.3605	0.3546	0.3747	0.3635	0.3760	Ave		0.3710			0.1000	4.1		15.0			
2-Butanone (MEK)	0.0890 0.0927	0.0889	0.0877	0.0928	0.0965	Ave		0.0913			0.0500	3.7		15.0			
Bromochloromethane	0.1697 0.1681	0.1526	0.1693	0.1646	0.1743	Ave		0.1664				4.5		15.0			
Tetrahydrofuran	0.0551 0.0522	0.0497	0.0500	0.0514	0.0520	Ave		0.0518				3.7		15.0			
Chloroform	0.6342 0.6461	0.6330	0.6483	0.6338	0.6635	Ave		0.6432				1.9		15.0			
1,1,1-Trichloroethane	0.4416 0.5089	0.4542	0.4774	0.5040	0.5219	Ave		0.4847			0.1000	6.6		15.0			
Cyclohexane	0.5510 0.5788	0.5254	0.5645	0.5688	0.5952	Ave		0.5639			0.1000	4.3		15.0			
Carbon tetrachloride	0.3590 0.4615	0.3535	0.4034	0.4258	0.4608	Ave		0.4107			0.1000	11.6		15.0			
1,1-Dichloropropene	0.4475 0.4891	0.4505	0.4742	0.4878	0.4988	Ave		0.4747				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	0.0045 0.0052	0.0043	0.0050	0.0051	0.0054	Ave		0.0049				8.3		15.0			
Benzene	1.4285 1.4410	1.3752	1.3957	1.3924	1.4478	Ave		1.4134			0.5000	2.1		15.0			
1,2-Dichloroethane	0.5642 0.5505	0.5164	0.5367	0.5384	0.5567	Ave		0.5438			0.1000	3.1		15.0			
n-Heptane	0.0744 0.0875	0.0820	0.0810	0.0857	0.0897	Ave		0.0834				6.6		15.0			
Trichloroethene	0.3624 0.3674	0.3397	0.3792	0.3617	0.3763	Ave		0.3644			0.2000	3.9		15.0			
Methylcyclohexane	0.5343 0.5582	0.5050	0.5318	0.5510	0.5699	Ave		0.5417			0.1000	4.3		15.0			
1,2-Dichloropropane	0.2971 0.3003	0.2855	0.3021	0.2932	0.3103	Ave		0.2981			0.1000	2.8		15.0			
Dibromomethane	0.1762 0.1826	0.1628	0.1757	0.1777	0.1863	Ave		0.1769				4.5		15.0			
1,4-Dioxane	0.0027 0.0022	0.0028	0.0024	0.0026	0.0028	Ave		0.0026				9.4		15.0			
Bromodichloromethane	0.3493 0.4531	0.3322	0.3819	0.4022	0.4403	Ave		0.3932			0.1000	12.3		15.0			
2-Chloroethyl vinyl ether	0.1365 0.1714	0.1411	0.1536	0.1565	0.1661	Ave		0.1542				8.8		15.0			
cis-1,3-Dichloropropene	0.3364 0.4977	0.3567	0.4034	0.4277	0.4767	Lin1	-0.234	0.4896			0.1500				0.9970		0.9900
4-Methyl-2-pentanone (MIBK)	0.1433 0.1852	0.1446	0.1677	0.1669	0.1802	Ave		0.1647			0.0500	10.6		15.0			
Toluene	1.9429 2.0302	1.8468	1.9605	1.9532	2.0824	Ave		1.9693			0.4000	4.1		15.0			
trans-1,3-Dichloropropene	0.3301 0.5505	0.3500	0.4184	0.4518	0.5264	Lin1	-0.328	0.5405			0.1000				0.9960		0.9900
Ethyl methacrylate	0.2971 0.4364	0.3159	0.3628	0.3705	0.4242	Lin1	-0.201	0.4307							0.9970		0.9900
1,1,2-Trichloroethane	0.3319 0.3389	0.3188	0.3304	0.3242	0.3461	Ave		0.3317			0.1000	3.0		15.0			
Tetrachloroethene	0.3571 0.3590	0.3460	0.3546	0.3549	0.3728	Ave		0.3574			0.2000	2.5		15.0			
1,3-Dichloropropane	0.6595 0.6405	0.6138	0.6291	0.6236	0.6430	Ave		0.6349				2.5		15.0			
2-Hexanone	0.1368 0.1734	0.1326	0.1431	0.1652	0.1705	Ave		0.1536			0.0500	11.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2548 0.3871	0.2497	0.2924	0.3190	0.3650	Lin1	-0.213	0.3778							0.9950		0.9900
1,2-Dibromoethane	0.3173 0.3432	0.2888	0.3287	0.3283	0.3440	Ave		0.3251				6.3		15.0			
Chlorobenzene	1.3001 1.3022	1.2131	1.2671	1.2315	1.2845	Ave		1.2664			0.3000	2.9		15.0			
1,1,1,2-Tetrachloroethane	0.3166 0.4285	0.3268	0.3688	0.3781	0.4230	Ave		0.3736				12.5		15.0			
Ethylbenzene	0.6139 0.6752	0.6272	0.6531	0.6630	0.6854	Ave		0.6530				4.2		15.0			
m-Xylene & p-Xylene	1.6840 1.8801	1.6715	1.7805	1.7879	1.9286	Ave		1.7888				5.7		15.0			
o-Xylene	0.7577 0.8160	0.7146	0.8018	0.7672	0.8323	Ave		0.7816				5.6		15.0			
Styrene	1.2019 1.5179	1.2259	1.3763	1.3604	1.4960	Ave		1.3631			0.3000	9.7		15.0			
Bromoform	0.1273 0.1961	0.1074	0.1343	0.1474	0.1793	Lin1	-0.127	0.1882			0.1000				0.9900		0.9900
Isopropylbenzene	1.9913 2.0593	1.9528	2.1800	2.1276	2.3334	Ave		2.1074			0.1000	6.6		15.0			
Bromobenzene	0.9480 0.9172	0.8989	0.9318	0.9579	0.9573	Ave		0.9352				2.5		15.0			
1,1,2,2-Tetrachloroethane	0.6367 0.6917	0.6612	0.6532	0.6916	0.6953	Ave		0.6716			0.3000	3.7		15.0			
1,2,3-Trichloropropane	0.2311 0.2455	0.2233	0.2502	0.2524	0.2593	Ave		0.2436				5.6		15.0			
trans-1,4-Dichloro-2-butene	0.1847 0.2273	0.1712	0.1873	0.2097	0.2190	Ave		0.1999				11.0		15.0			
N-Propylbenzene	0.9712 1.0332	0.9264	1.0226	1.0490	1.0539	Ave		1.0094				5.0		15.0			
2-Chlorotoluene	0.8756 0.8951	0.8629	0.9068	0.9045	0.9220	Ave		0.8945				2.4		15.0			
1,3,5-Trimethylbenzene	2.9650 3.6195	3.0996	3.3535	3.4351	3.5925	Ave		3.3442				7.9		15.0			
4-Chlorotoluene	3.4227 3.5911	3.2938	3.4666	3.4283	3.5772	Ave		3.4633				3.2		15.0			
tert-Butylbenzene	2.6379 3.0255	2.5257	2.7206	2.8657	2.9264	Ave		2.7836				6.8		15.0			
1,2,4-Trimethylbenzene	3.2473 3.3932	3.1596	3.5475	3.6375	3.7459	Ave		3.4552				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.5593 3.6545	3.5760	3.8326	3.9468	4.1043	Ave		3.7789				5.8		15.0			
1,3-Dichlorobenzene	1.9172 1.8494	1.7772	1.8392	1.8390	1.8648	Ave		1.8478			0.6000	2.4		15.0			
p-Isopropyltoluene	3.1956 3.3525	3.2534	3.4587	3.6196	3.7475	Ave		3.4379				6.2		15.0			
1,4-Dichlorobenzene	2.0031 1.8854	1.9004	1.8823	1.8816	1.9099	Ave		1.9104			0.5000	2.4		15.0			
n-Butylbenzene	2.6219 3.0543	2.5547	2.7935	2.9524	3.0366	Ave		2.8356				7.5		15.0			
1,2-Dichlorobenzene	1.8119 1.7466	1.7372	1.7233	1.7882	1.7748	Ave		1.7637			0.4000	1.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0810 0.1175	0.0782	0.0887	0.1005	0.1127	Lin1	-0.061	0.1154			0.0500				0.9960		0.9900
1,2,4-Trichlorobenzene	1.2025 1.1327	1.0994	1.1644	1.1753	1.1939	Ave		1.1614			0.2000	3.4		15.0			
Hexachlorobutadiene	0.5980 0.4967	0.5848	0.5440	0.5646	0.5659	Ave		0.5590				6.4		15.0			
Naphthalene	2.1201 2.7163	2.2108	2.4032	2.6263	2.8052	Ave		2.4803				11.3		15.0			
1,2,3-Trichlorobenzene	1.1193 0.9977	0.9897	1.0555	1.0704	1.0863	Ave		1.0532				4.8		15.0			
Dibromofluoromethane (Surr)	0.3005 0.3229	0.3208	0.3302	0.3349	0.3342	Ave		0.3239				4.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4565 0.4542	0.4715	0.4518	0.4649	0.4642	Ave		0.4605				1.6		15.0			
Toluene-d8 (Surr)	1.7070 1.8254	1.7324	1.7232	1.7818	1.8396	Ave		1.7682				3.2		15.0			
4-Bromofluorobenzene (Surr)	0.6725 0.6778	0.6451	0.6646	0.6672	0.6928	Ave		0.6700				2.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-204067/7	UXC3829A.D
Level 2	STD8260 240-204067/6	UXC3828A.D
Level 3	STD8260 240-204067/5	UXC3827A.D
Level 4	STD8260 240-204067/4	UXC3826A.D
Level 5	STD8260 240-204067/3	UXC3825A.D
Level 6	STD8260 240-204067/2	UXC3824A.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	81451 4169025	163271	484098	926577	1995610	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	67835 2706728	125034	344799	667309	1381689	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	79073 2984679	135866	375367	708978	1467924	1.00 40.0	2.00	5.00	10.0	20.0
Butadiene	FB	Ave	68162 2630204	124013	329378	636245	1330914	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	38268 1607387	82232	210253	379551	798140	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	46977 1645135	80183	216709	405428	842721	1.00 40.0	2.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	118849 4804244	221934	603891	1149672	2398842	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	92850 4642420	190211	528323	1036260	2152000	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	54631 1853290	89588	242132	494203	979228	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	20991 937291	43213	118532	244644	468940	5.00 200	10.0	25.0	50.0	100
1,1-Dichloroethene	FB	Ave	69093 2793947	134101	353528	698533	1441441	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	53411 2390251	107089	290718	581817	1203179	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	64664 1361377	92744	179545	352749	687363	2.00 80.0	4.00	10.0	20.0	40.0
Iodomethane	FB	Ave	104063 4381841	213034	554660	1102088	2236420	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	174064 8423139	344599	927015	1959159	4203773	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	34075 1644594	67837	192042	412012	845942	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	165477 6883090	321065	834592	1680575	3524921	5.00 200	10.0	25.0	50.0	100
Methylene Chloride	FB	Lin1	142848 2937905	203456	448202	797761	1566439	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butyl alcohol (TBA)	FB	Ave	27273 1137904	60601	144403	307461	654244	10.0 400	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	153316 7227654	325626	841123	1760760	3684219	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	76749 3026934	148462	390993	776906	1577937	1.00 40.0	2.00	5.00	10.0	20.0
Acrylonitrile	FB	Ave	174707 7558362	344389	901060	1857836	3837278	10.0 400	20.0	50.0	100	200
Hexane	FB	Ave	19413 805934	34338	106736	199837	421670	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	129958 5393295	250613	674191	1354846	2785967	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	62581 3298089	129955	352626	734562	1608862	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	64191 2970157	134515	354139	764552	1582302	1.00 40.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	85871 3246257	157145	417246	822590	1699426	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	38548 1668902	78751	195279	420122	872711	2.00 80.0	4.00	10.0	20.0	40.0
Bromochloromethane	FB	Ave	36730 1513516	67603	188519	372494	787744	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	23863 939205	44077	111449	232646	470504	2.00 80.0	4.00	10.0	20.0	40.0
Chloroform	FB	Ave	137284 5817632	280504	721918	1434085	2999162	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	95594 4582510	201278	531601	1140336	2358943	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	119256 5211339	232804	628590	1287004	2690588	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	77705 4155489	156632	449183	963488	2082898	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	96854 4404131	199635	528051	1103828	2254841	1.00 40.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	FB	Ave	24610 1174973	48123	140453	285810	612767	25.0 1000	50.0	125	250	500
Benzene	FB	Ave	309192 12974974	609356	1554073	3150718	6544023	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	122119 4956680	228806	597601	1218319	2516349	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	16106 787951	36356	90211	194014	405660	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	78449 3308170	150514	422217	818405	1700845	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	115643 5025981	223765	592115	1246817	2576081	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	64306 2703745	126512	336384	663367	1402405	1.00 40.0	2.00	5.00	10.0	20.0
Dibromomethane	FB	Ave	38148 1644188	72140	195647	401976	842177	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	11745 394929	24678	54334	115663	256040	20.0 800	40.0	100	200	400
Bromodichloromethane	FB	Ave	75615 4079952	147196	425207	910094	1990381	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	59095 3087358	125047	341986	708402	1501781	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Lin1	72806 4480949	158047	449240	967784	2154909	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	62056 3334443	128150	373529	755456	1629069	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	314750 13742655	613284	1662261	3337602	7008232	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	53472 3726284	116215	354711	772009	1771713	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin1	48136 2953995	104902	307595	633162	1427604	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	53764 2294126	105866	280175	553963	1164673	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	57848 2430253	114893	300665	606536	1254556	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	106836 4335594	203818	533411	1065638	2163937	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	44317 2347499	88069	242700	564530	1147465	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Lin1	41280 2620558	82932	247907	545050	1228320	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	51396 2323252	95909	278692	561082	1157734	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	210609 8814971	402833	1074366	2104395	4322692	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	51295 2900830	108508	312729	646033	1423538	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	99450 4570595	208277	553744	1132933	2306500	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	272799 12726899	555073	1509645	3055080	6490588	1.00 40.0	2.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	122753 5523858	237315	679855	1311023	2801087	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	194713 10275242	407108	1166925	2324660	5034612	1.00 40.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Lin1	20620 1327764	35682	113841	251934	603362	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	322582 13939847	648484	1848388	3635569	7852789	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	84164 3502266	162589	434694	862350	1781313	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	56530 2641114	119597	304704	622565	1293771	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	20513 937347	40388	116709	227197	482566	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	16396 868034	30971	87358	188753	407436	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	86221 3945407	167571	477015	944360	1961128	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	77733 3417835	156077	422997	814284	1715734	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	263228 13821025	560662	1564358	3092405	6685007	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	303864 13712263	595781	1617111	3086235	6656394	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	234189 11552554	456850	1269117	2579794	5445541	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	288296 12956940	571516	1654850	3274598	6970355	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	315988 13954530	646817	1787847	3553029	7637226	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	170206 7061962	321467	857954	1655516	3470085	1.00 40.0	2.00	5.00	10.0	20.0
p-Isopropyltoluene	DCB	Ave	283699 12801430	588470	1613422	3258495	6973409	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	177831 7199208	343752	878063	1693832	3554000	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	232769 11662713	462098	1303137	2657792	5650481	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	160858 6669488	314219	803878	1609759	3302623	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	7188 448494	14136	41393	90507	209792	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	106759 4325166	198864	543198	1057994	2221645	1.00 40.0	2.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	53090 1896613	105782	253747	508257	1053091	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	188220 10371948	399889	1121039	2364237	5220004	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	99374 3809727	179009	492383	963589	2021371	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	65035 2907632	142131	367643	757894	1510819	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	98807 4089270	208921	503129	1051942	2098332	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	276528 12356342	575295	1461082	3044709	6191118	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	108950 4587838	214241	563481	1140121	2331520	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-204067/13	UXC3836.D
Level 2	STD 240-204067/12	UXC3835.D
Level 3	STD 240-204067/11	UXC3834.D
Level 4	STD 240-204067/10	UXC3833.D
Level 5	STD 240-204067/9	UXC3832.D
Level 6	STD 240-204067/8	UXC3831.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0252 0.0219	0.0212	0.0233	0.0227	0.0226	Ave		0.0228				6.0		15.0			
Diisopropyl ether	0.2683 0.2949	0.2607	0.2786	0.2899	0.2896	Ave		0.2803				4.8		15.0			
2-Chloro-1,3-butadiene	0.5072 0.5586	0.4581	0.5204	0.5317	0.5354	Ave		0.5186				6.6		15.0			
Ethyl t-butyl ether	0.7639 0.8817	0.7574	0.8038	0.8303	0.8343	Ave		0.8119				5.8		15.0			
Ethyl acetate	0.1723 0.1688	0.1526	0.1659	0.1628	0.1640	Ave		0.1644				4.1		15.0			
Propionitrile	0.0300 0.0295	0.0271	0.0298	0.0298	0.0295	Ave		0.0293				3.7		15.0			
Methacrylonitrile	0.1341 0.1392	0.1230	0.1302	0.1352	0.1327	Ave		0.1324				4.2		15.0			
Tert-amyl methyl ether	0.6054 0.7084	0.5887	0.6367	0.6663	0.6719	Ave		0.6462				6.9		15.0			
n-Butanol	0.0033 0.0038	0.0033	0.0034	0.0036	0.0038	Ave		0.0035				6.7		15.0			
Ethyl acrylate	0.2445 0.2717	0.2373	0.2318	0.2579	0.2659	Ave		0.2515				6.4		15.0			
Methyl methacrylate	0.1740 0.2003	0.1580	0.1764	0.1847	0.1885	Ave		0.1803				8.0		15.0			
2-Nitropropane	0.0283 0.0326	0.0236	0.0254	0.0265	0.0282	Ave		0.0274				11.3		15.0			
n-Butyl acetate	0.2122 0.2685	0.2003	0.2057	0.2348	0.2498	Ave		0.2286				11.8		15.0			
1-Chlorohexane	0.4981 0.5513	0.4815	0.5004	0.5112	0.5405	Ave		0.5138				5.2		15.0			
Cyclohexanone	0.0101 0.0133	0.0128	0.0128	0.0134	0.0144	Ave		0.0128				11.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	3.2126 3.7399	3.1433	3.4898	3.6396	3.7890	Ave		3.5024				7.8		15.0			
1,3,5-Trichlorobenzene	1.2561 1.2723	1.2439	1.2909	1.2690	1.3139	Ave		1.2743				2.0		15.0			
2-Methylnaphthalene	1.1675 1.4101	1.2466	1.4182	1.5971	1.7053	Ave		1.4241				14.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-204067/13	UXC3836.D
Level 2	STD 240-204067/12	UXC3835.D
Level 3	STD 240-204067/11	UXC3834.D
Level 4	STD 240-204067/10	UXC3833.D
Level 5	STD 240-204067/9	UXC3832.D
Level 6	STD 240-204067/8	UXC3831.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	55244 1935513	95625	258385	503778	1008896	10.0 400	20.0	50.0	100	200
Diisopropyl ether	FB	Ave	58924 2605872	117750	309424	642956	1295070	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloro-1,3-butadiene	FB	Ave	111396 4935815	206907	578033	1179324	2394276	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl t-butyl ether	FB	Ave	167760 7790456	342093	892694	1841635	3730781	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	75682 2982411	137897	368473	722018	1466626	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	65895 2606576	122305	330798	661402	1319574	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	294563 12299460	555372	1445910	2998475	5932635	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	132956 6259304	265917	707158	1477825	3004628	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	FB	Ave	17977 832780	37465	93374	197738	426385	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	53688 2400896	107197	257438	572006	1188866	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	76439 3539016	142738	391859	819344	1686044	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	12430 576148	21341	56329	117671	252142	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	FB	Ave	46612 2371970	90494	228480	520730	1117091	1.00 40.0	2.00	5.00	10.0	20.0
1-Chlorohexane	CBZ	Ave	81498 3785206	158853	425093	889870	1841015	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexanone	DCB	Ave	8827 475638	21525	55001	119809	250164	10.0 400	20.0	50.0	100	200
1,2,3-Trimethylbenzene	DCB	Ave	280496 13327169	529556	1504300	3243980	6573591	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	109673 4533718	209556	556440	1131040	2279554	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	203871 10050047	420018	1222651	2846954	5916979	2.00 80.0	4.00	10.0	20.0	40.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2902	0.1000	0.0240	0.0200	19.8	20.0
Chloromethane	Ave	0.3787	0.4264	0.1000	0.0225	0.0200	12.6	20.0
Vinyl chloride	Ave	0.2747	0.2991	0.1000	0.0218	0.0200	8.9	20.0
Butadiene	Ave	0.3003	0.3280		0.0218	0.0200	9.2	20.0
Bromomethane	Ave	0.1383	0.1509	0.0500	0.0218	0.0200	9.1	20.0
Chloroethane	Ave	0.1448	0.1548	0.0500	0.0214	0.0200	6.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3543		0.0218	0.0200	9.2	20.0
Trichlorofluoromethane	Ave	0.2852	0.3259	0.1000	0.0229	0.0200	14.3	20.0
Ethyl ether	Ave	0.1804	0.2164		0.0240	0.0200	19.9	20.0
Acrolein	Ave	0.0180	0.0235		0.130	0.100	30.4*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2411	0.1000	0.0218	0.0200	8.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1744	0.0500	0.0215	0.0200	7.4	20.0
Acetone	Lin1		0.0867	0.0500	0.0453	0.0400	13.2	20.0
Iodomethane	Ave	0.3194	0.3613		0.0226	0.0200	13.1	20.0
Carbon disulfide	Ave	0.6714	0.6482	0.1000	0.0193	0.0200	-3.4	20.0
3-Chloro-1-propene	Ave	0.1430	0.1394		0.0195	0.0200	-2.5	20.0
Methyl acetate	Ave	0.1567	0.1835	0.1000	0.117	0.100	17.1	20.0
Methylene Chloride	Lin1		0.3235	0.1000	0.0217	0.0200	8.6	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0221		0.223	0.200	11.3	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2789	0.1000	0.0222	0.0200	10.9	20.0
Methyl tert-butyl ether	Ave	0.5650	0.6276	0.1000	0.0222	0.0200	11.1	20.0
Acrylonitrile	Ave	0.0757	0.0862		0.228	0.200	13.8	20.0
Hexane	Ave	0.0816	0.0814		0.0200	0.0200	-0.1	20.0
1,1-Dichloroethane	Ave	0.4925	0.5567	0.1000	0.0226	0.0200	13.0	20.0
Vinyl acetate	Lin1		0.0217		0.0149	0.0200	-25.6*	20.0
2,2-Dichloropropane	Ave	0.2107	0.2260		0.0214	0.0200	7.2	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2924	0.1000	0.0220	0.0200	10.2	20.0
2-Butanone (MEK)	Ave	0.0962	0.1043	0.0500	0.0433	0.0400	8.4	20.0
Bromochloromethane	Ave	0.0967	0.1063		0.0220	0.0200	9.9	20.0
Tetrahydrofuran	Ave	0.0665	0.0705		0.0424	0.0400	6.0	20.0
Chloroform	Ave	0.3979	0.4367	0.2000	0.0219	0.0200	9.7	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3465	0.1000	0.0222	0.0200	10.8	20.0
Cyclohexane	Ave	0.5900	0.6590	0.1000	0.0223	0.0200	11.7	20.0
Carbon tetrachloride	Ave	0.2541	0.2901	0.1000	0.0228	0.0200	14.2	20.0
1,1-Dichloropropene	Ave	0.3331	0.3884		0.0233	0.0200	16.6	20.0
Benzene	Ave	0.999	1.113	0.5000	0.0223	0.0200	11.4	20.0
Isobutyl alcohol	Ave	0.0071	0.0082		0.573	0.500	14.6	20.0
1,2-Dichloroethane	Ave	0.2792	0.3100	0.1000	0.0222	0.0200	11.0	20.0
n-Heptane	Ave	0.0682	0.0773		0.0227	0.0200	13.4	20.0
Trichloroethene	Ave	0.2336	0.2694	0.2000	0.0231	0.0200	15.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5370	0.1000	0.0223	0.0200	11.3	20.0
1,2-Dichloropropane	Ave	0.2493	0.2803	0.1000	0.0225	0.0200	12.5	20.0
Dibromomethane	Ave	0.1040	0.1205		0.0232	0.0200	15.9	20.0
1,4-Dioxane	Ave	0.0017	0.0019		0.462	0.400	15.4	20.0
Bromodichloromethane	Ave	0.2508	0.2588	0.1000	0.0206	0.0200	3.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.1063		0.0228	0.0200	14.0	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3296	0.1500	0.0213	0.0200	6.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.3490	0.0500	0.0450	0.0400	12.5	20.0
Toluene	Ave	1.617	1.748	0.4000	0.0216	0.0200	8.1	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.4131	0.1000	0.0224	0.0200	12.2	20.0
Ethyl methacrylate	Ave	0.3012	0.3245		0.0215	0.0200	7.7	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2665	0.1000	0.0228	0.0200	14.2	20.0
Tetrachloroethene	Ave	0.2833	0.3198	0.2000	0.0226	0.0200	12.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.4668		0.0219	0.0200	9.5	20.0
2-Hexanone	Ave	0.2007	0.2198	0.0500	0.0438	0.0400	9.5	20.0
Dibromochloromethane	Lin1		0.2290		0.0193	0.0200	-3.6	20.0
1,2-Dibromoethane	Ave	0.2138	0.2523		0.0236	0.0200	18.0	20.0
Chlorobenzene	Ave	0.9298	1.009	0.3000	0.0217	0.0200	8.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3344		0.0231	0.0200	15.3	20.0
Ethylbenzene	Ave	0.5296	0.5798		0.0219	0.0200	9.5	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6849		0.0212	0.0200	5.9	20.0
o-Xylene	Ave	0.6346	0.7209		0.0227	0.0200	13.6	20.0
Styrene	Ave	0.9556	0.9735	0.3000	0.0204	0.0200	1.9	20.0
Bromoform	Lin1		0.1061	0.1000	0.0173	0.0200	-13.4	20.0
Isopropylbenzene	Ave	1.742	1.946	0.1000	0.0223	0.0200	11.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.6826	0.3000	0.0229	0.0200	14.6	20.0
Bromobenzene	Ave	0.7042	0.7858		0.0223	0.0200	11.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.2024		0.0230	0.0200	14.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.2320		0.0216	0.0200	7.8	20.0
N-Propylbenzene	Ave	0.9769	1.052		0.0215	0.0200	7.7	20.0
2-Chlorotoluene	Ave	0.8014	0.8578		0.0214	0.0200	7.0	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.417		0.0220	0.0200	10.2	20.0
4-Chlorotoluene	Ave	0.7776	0.8277		0.0213	0.0200	6.5	20.0
tert-Butylbenzene	Ave	2.752	3.074		0.0223	0.0200	11.7	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.372		0.0219	0.0200	9.5	20.0
sec-Butylbenzene	Ave	4.194	4.751		0.0227	0.0200	13.3	20.0
1,3-Dichlorobenzene	Ave	1.474	1.583	0.6000	0.0215	0.0200	7.4	20.0
p-Isopropyltoluene	Ave	3.242	3.585		0.0221	0.0200	10.6	20.0
1,4-Dichlorobenzene	Ave	1.484	1.542	0.5000	0.0208	0.0200	3.9	20.0
n-Butylbenzene	Ave	3.148	3.388		0.0215	0.0200	7.6	20.0
1,2-Dichlorobenzene	Ave	1.421	1.521	0.4000	0.0214	0.0200	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0879	0.0500	0.0202	0.0200	0.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9859	0.2000	0.0203	0.0200	1.3	20.0
Hexachlorobutadiene	Ave	0.5396	0.6222		0.0231	0.0200	15.3	20.0
Naphthalene	Ave	2.263	2.304		0.0204	0.0200	1.8	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.9287		0.0201	0.0200	0.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2054		0.0477	0.0500	-4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2368		0.0471	0.0500	-5.9	20.0
Toluene-d8 (Surr)	Ave	1.539	1.437		0.0467	0.0500	-6.6	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.045		0.0455	0.0500	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.3028	0.1000	0.0250	0.0200	25.0*	20.0
Chloromethane	Ave	0.3787	0.3469	0.1000	0.0183	0.0200	-8.4	20.0
Vinyl chloride	Ave	0.2747	0.2618	0.1000	0.0191	0.0200	-4.7	20.0
Butadiene	Ave	0.3003	0.2963		0.0197	0.0200	-1.3	20.0
Bromomethane	Ave	0.1383	0.1443	0.0500	0.0209	0.0200	4.3	20.0
Chloroethane	Ave	0.1448	0.1576	0.0500	0.0218	0.0200	8.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3591		0.0221	0.0200	10.7	20.0
Trichlorofluoromethane	Ave	0.2852	0.3576	0.1000	0.0251	0.0200	25.4*	20.0
Ethyl ether	Ave	0.1804	0.1677		0.0465	0.0500	-7.0	20.0
Acrolein	Ave	0.0180	0.0143		0.199	0.250	-20.5*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2482	0.1000	0.0560	0.0500	12.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1959	0.0500	0.0603	0.0500	20.6*	20.0
Acetone	Lin1		0.0643	0.0500	0.0926	0.100	-7.4	20.0
Iodomethane	Ave	0.3194	0.3367		0.0527	0.0500	5.4	20.0
Carbon disulfide	Ave	0.6714	0.6672	0.1000	0.0497	0.0500	-0.6	20.0
3-Chloro-1-propene	Ave	0.1430	0.1423		0.0497	0.0500	-0.5	20.0
Methyl acetate	Ave	0.1567	0.1298	0.1000	0.207	0.250	-17.2	20.0
Methylene Chloride	Lin1		0.2547	0.1000	0.0494	0.0500	-1.2	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0165		0.415	0.500	-17.1	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2656	0.1000	0.0528	0.0500	5.6	20.0
Methyl tert-butyl ether	Ave	0.5650	0.5586	0.1000	0.0494	0.0500	-1.1	20.0
Acrylonitrile	Ave	0.0757	0.0653		0.431	0.500	-13.8	20.0
Hexane	Ave	0.0816	0.0754		0.0462	0.0500	-7.5	20.0
1,1-Dichloroethane	Ave	0.4925	0.4861	0.1000	0.0493	0.0500	-1.3	20.0
Vinyl acetate	Lin1		0.0338		0.0562	0.0500	12.4	20.0
2,2-Dichloropropane	Ave	0.2107	0.2815		0.0668	0.0500	33.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2800	0.1000	0.0528	0.0500	5.5	20.0
2-Butanone (MEK)	Ave	0.0962	0.0843	0.0500	0.0876	0.100	-12.4	20.0
Bromochloromethane	Ave	0.0967	0.1095		0.0566	0.0500	13.2	20.0
Tetrahydrofuran	Ave	0.0665	0.0555		0.0835	0.100	-16.5	20.0
Chloroform	Ave	0.3979	0.4268	0.2000	0.0536	0.0500	7.3	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3856	0.1000	0.0616	0.0500	23.3*	20.0
Cyclohexane	Ave	0.5900	0.5511	0.1000	0.0467	0.0500	-6.6	20.0
Carbon tetrachloride	Ave	0.2541	0.3080	0.1000	0.0606	0.0500	21.2*	20.0
1,1-Dichloropropene	Ave	0.3331	0.3407		0.0511	0.0500	2.3	20.0
Benzene	Ave	0.999	1.002	0.5000	0.0502	0.0500	0.3	20.0
Isobutyl alcohol	Ave	0.0071	0.0058		1.02	1.25	-18.5	20.0
1,2-Dichloroethane	Ave	0.2792	0.2827	0.1000	0.0506	0.0500	1.2	20.0
n-Heptane	Ave	0.0682	0.0764		0.0560	0.0500	12.1	20.0
Trichloroethene	Ave	0.2336	0.2579	0.2000	0.0552	0.0500	10.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5136	0.1000	0.0532	0.0500	6.4	20.0
1,2-Dichloropropane	Ave	0.2493	0.2442	0.1000	0.0490	0.0500	-2.0	20.0
Dibromomethane	Ave	0.1040	0.1112		0.0535	0.0500	6.9	20.0
1,4-Dioxane	Ave	0.0017	0.0017		1.03	1.00	3.3	20.0
Bromodichloromethane	Ave	0.2508	0.2740	0.1000	0.0546	0.0500	9.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0821		0.0880	0.100	-12.0	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3112	0.1500	0.0504	0.0500	0.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2676	0.0500	0.0863	0.100	-13.7	20.0
Toluene	Ave	1.617	1.728	0.4000	0.0534	0.0500	6.9	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3806	0.1000	0.0517	0.0500	3.4	20.0
Ethyl methacrylate	Ave	0.3012	0.2921		0.0485	0.0500	-3.0	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2582	0.1000	0.0553	0.0500	10.6	20.0
Tetrachloroethene	Ave	0.2833	0.3043	0.2000	0.0537	0.0500	7.4	20.0
1,3-Dichloropropane	Ave	0.4264	0.4318		0.0506	0.0500	1.3	20.0
2-Hexanone	Ave	0.2007	0.1769	0.0500	0.0881	0.100	-11.9	20.0
Dibromochloromethane	Lin1		0.2579		0.0520	0.0500	3.9	20.0
1,2-Dibromoethane	Ave	0.2138	0.2359		0.0552	0.0500	10.3	20.0
Chlorobenzene	Ave	0.9298	0.9905	0.3000	0.0533	0.0500	6.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3234		0.0557	0.0500	11.5	20.0
Ethylbenzene	Ave	0.5296	0.5533		0.0522	0.0500	4.5	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6818		0.0527	0.0500	5.4	20.0
o-Xylene	Ave	0.6346	0.6810		0.0537	0.0500	7.3	20.0
Styrene	Ave	0.9556	1.032	0.3000	0.0540	0.0500	8.0	20.0
Bromoform	Lin1		0.1280	0.1000	0.0502	0.0500	0.3	20.0
Isopropylbenzene	Ave	1.742	1.907	0.1000	0.0547	0.0500	9.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.6150	0.3000	0.0516	0.0500	3.2	20.0
Bromobenzene	Ave	0.7042	0.7856		0.0558	0.0500	11.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1912		0.0542	0.0500	8.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1899		0.0441	0.0500	-11.8	20.0
N-Propylbenzene	Ave	0.9769	1.061		0.0543	0.0500	8.6	20.0
2-Chlorotoluene	Ave	0.8014	0.8759		0.0546	0.0500	9.3	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.395		0.0547	0.0500	9.5	20.0
4-Chlorotoluene	Ave	0.7776	0.8372		0.0538	0.0500	7.7	20.0
tert-Butylbenzene	Ave	2.752	3.033		0.0551	0.0500	10.2	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.382		0.0549	0.0500	9.8	20.0
sec-Butylbenzene	Ave	4.194	4.534		0.0540	0.0500	8.1	20.0
1,3-Dichlorobenzene	Ave	1.474	1.485	0.6000	0.0504	0.0500	0.7	20.0
p-Isopropyltoluene	Ave	3.242	3.675		0.0567	0.0500	13.4	20.0
1,4-Dichlorobenzene	Ave	1.484	1.475	0.5000	0.0497	0.0500	-0.6	20.0
n-Butylbenzene	Ave	3.148	3.476		0.0552	0.0500	10.4	20.0
1,2-Dichlorobenzene	Ave	1.421	1.407	0.4000	0.0495	0.0500	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0936	0.0500	0.0537	0.0500	7.4	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	1.040	0.2000	0.0534	0.0500	6.8	20.0
Hexachlorobutadiene	Ave	0.5396	0.6133		0.0568	0.0500	13.7	20.0
Naphthalene	Ave	2.263	2.099		0.0464	0.0500	-7.2	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.9394		0.0509	0.0500	1.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2257		0.0524	0.0500	4.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2552		0.0507	0.0500	1.5	20.0
Toluene-d8 (Surr)	Ave	1.539	1.542		0.0501	0.0500	0.2	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.068		0.0465	0.0500	-7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206051/4 Calibration Date: 11/10/2015 11:08

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146326.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0216		0.481	0.500	-3.7	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4643		0.0535	0.0500	7.0	20.0
Diisopropyl ether	Ave	0.2079	0.2164		0.0520	0.0500	4.1	20.0
Ethyl t-butyl ether	Ave	0.8262	0.7658		0.0463	0.0500	-7.3	20.0
Ethyl acetate	Ave	0.1606	0.1374		0.0855	0.100	-14.5	20.0
Propionitrile	Ave	0.0278	0.0233		0.420	0.500	-16.0	20.0
Methacrylonitrile	Ave	0.1070	0.1039		0.486	0.500	-2.9	20.0
Tert-amyl methyl ether	Ave	0.7020	0.6252		0.0445	0.0500	-10.9	20.0
n-Butanol	Ave	0.0105	0.0071		0.846	1.25	-32.4*	20.0
Methyl methacrylate	Ave	0.1432	0.1329		0.0928	0.100	-7.2	20.0
2-Nitropropane	Ave	0.0224	0.0235		0.105	0.100	4.8	20.0
1-Chlorohexane	Ave	0.4504	0.5066		0.0562	0.0500	12.5	20.0
Cyclohexanone	Ave	0.0123	0.0082		0.334	0.500	-33.3*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.484		0.0574	0.0500	14.8	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.298		0.0592	0.0500	18.4	20.0
2-Methylnaphthalene	Ave	1.220	1.397		0.115	0.100	14.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2811	0.1000	0.0232	0.0200	16.0	20.0
Chloromethane	Ave	0.3787	0.3232	0.1000	0.0171	0.0200	-14.6	20.0
Vinyl chloride	Ave	0.2747	0.2526	0.1000	0.0184	0.0200	-8.0	20.0
Butadiene	Ave	0.3003	0.2846		0.0190	0.0200	-5.2	20.0
Bromomethane	Ave	0.1383	0.1381	0.0500	0.0200	0.0200	-0.2	20.0
Chloroethane	Ave	0.1448	0.1525	0.0500	0.0211	0.0200	5.3	20.0
Dichlorofluoromethane	Ave	0.3245	0.3469		0.0214	0.0200	6.9	20.0
Trichlorofluoromethane	Ave	0.2852	0.3317	0.1000	0.0233	0.0200	16.3	20.0
Ethyl ether	Ave	0.1804	0.1573		0.0436	0.0500	-12.8	20.0
Acrolein	Ave	0.0180	0.0124		0.172	0.250	-31.2*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2132	0.1000	0.0481	0.0500	-3.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1832	0.0500	0.0564	0.0500	12.8	20.0
Acetone	Lin1		0.0558	0.0500	0.0790	0.100	-21.0*	20.0
Iodomethane	Ave	0.3194	0.3184		0.0499	0.0500	-0.3	20.0
Carbon disulfide	Ave	0.6714	0.6540	0.1000	0.0487	0.0500	-2.6	20.0
3-Chloro-1-propene	Ave	0.1430	0.1337		0.0467	0.0500	-6.5	20.0
Methyl acetate	Ave	0.1567	0.1142	0.1000	0.182	0.250	-27.1*	20.0
Methylene Chloride	Lin1		0.2445	0.1000	0.0472	0.0500	-5.7	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0143		0.359	0.500	-28.2*	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2557	0.1000	0.0508	0.0500	1.7	20.0
Methyl tert-butyl ether	Ave	0.5650	0.5068	0.1000	0.0448	0.0500	-10.3	20.0
Acrylonitrile	Ave	0.0757	0.0582		0.384	0.500	-23.1*	20.0
Hexane	Ave	0.0816	0.0688		0.0422	0.0500	-15.6	20.0
1,1-Dichloroethane	Ave	0.4925	0.4603	0.1000	0.0467	0.0500	-6.5	20.0
Vinyl acetate	Lin1		0.0268		0.0448	0.0500	-10.4	20.0
2,2-Dichloropropane	Ave	0.2107	0.2606		0.0618	0.0500	23.7*	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2665	0.1000	0.0502	0.0500	0.4	20.0
2-Butanone (MEK)	Ave	0.0962	0.0686	0.0500	0.0713	0.100	-28.7*	20.0
Bromochloromethane	Ave	0.0967	0.1012		0.0523	0.0500	4.6	20.0
Tetrahydrofuran	Ave	0.0665	0.0474		0.0713	0.100	-28.7*	20.0
Chloroform	Ave	0.3979	0.4075	0.2000	0.0512	0.0500	2.4	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3691	0.1000	0.0590	0.0500	18.0	20.0
Cyclohexane	Ave	0.5900	0.5303	0.1000	0.0449	0.0500	-10.1	20.0
Carbon tetrachloride	Ave	0.2541	0.2972	0.1000	0.0585	0.0500	17.0	20.0
1,1-Dichloropropene	Ave	0.3331	0.3194		0.0479	0.0500	-4.1	20.0
Benzene	Ave	0.999	0.9482	0.5000	0.0475	0.0500	-5.1	20.0
Isobutyl alcohol	Ave	0.0071	0.0050		0.873	1.25	-30.2*	20.0
1,2-Dichloroethane	Ave	0.2792	0.2670	0.1000	0.0478	0.0500	-4.4	20.0
n-Heptane	Ave	0.0682	0.0690		0.0506	0.0500	1.2	20.0
Trichloroethene	Ave	0.2336	0.2428	0.2000	0.0520	0.0500	4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.4880	0.1000	0.0506	0.0500	1.1	20.0
1,2-Dichloropropane	Ave	0.2493	0.2230	0.1000	0.0447	0.0500	-10.5	20.0
Dibromomethane	Ave	0.1040	0.1015		0.0488	0.0500	-2.4	20.0
1,4-Dioxane	Ave	0.0017	0.0013		0.789	1.00	-21.1*	20.0
Bromodichloromethane	Ave	0.2508	0.2514	0.1000	0.0501	0.0500	0.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0673		0.0721	0.100	-27.9*	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.2735	0.1500	0.0443	0.0500	-11.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2327	0.0500	0.0750	0.100	-25.0*	20.0
Toluene	Ave	1.617	1.639	0.4000	0.0507	0.0500	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3380	0.1000	0.0459	0.0500	-8.2	20.0
Ethyl methacrylate	Ave	0.3012	0.2523		0.0419	0.0500	-16.2	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2322	0.1000	0.0498	0.0500	-0.5	20.0
Tetrachloroethene	Ave	0.2833	0.2858	0.2000	0.0505	0.0500	0.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.3916		0.0459	0.0500	-8.2	20.0
2-Hexanone	Ave	0.2007	0.1471	0.0500	0.0733	0.100	-26.7*	20.0
Dibromochloromethane	Lin1		0.2357		0.0476	0.0500	-4.8	20.0
1,2-Dibromoethane	Ave	0.2138	0.2082		0.0487	0.0500	-2.6	20.0
Chlorobenzene	Ave	0.9298	0.9062	0.3000	0.0487	0.0500	-2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3043		0.0524	0.0500	4.9	20.0
Ethylbenzene	Ave	0.5296	0.5106		0.0482	0.0500	-3.6	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6472		0.0500	0.0500	0.0	20.0
o-Xylene	Ave	0.6346	0.6427		0.0506	0.0500	1.3	20.0
Styrene	Ave	0.9556	0.9588	0.3000	0.0502	0.0500	0.3	20.0
Bromoform	Lin1		0.1101	0.1000	0.0433	0.0500	-13.4	20.0
Isopropylbenzene	Ave	1.742	1.827	0.1000	0.0524	0.0500	4.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.5674	0.3000	0.0476	0.0500	-4.8	20.0
Bromobenzene	Ave	0.7042	0.7254		0.0515	0.0500	3.0	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1674		0.0475	0.0500	-5.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1618		0.0376	0.0500	-24.8*	20.0
N-Propylbenzene	Ave	0.9769	1.026		0.0525	0.0500	5.0	20.0
2-Chlorotoluene	Ave	0.8014	0.8181		0.0510	0.0500	2.1	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.275		0.0528	0.0500	5.6	20.0
4-Chlorotoluene	Ave	0.7776	0.7791		0.0501	0.0500	0.2	20.0
tert-Butylbenzene	Ave	2.752	2.911		0.0529	0.0500	5.8	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.208		0.0521	0.0500	4.1	20.0
sec-Butylbenzene	Ave	4.194	4.345		0.0518	0.0500	3.6	20.0
1,3-Dichlorobenzene	Ave	1.474	1.377	0.6000	0.0467	0.0500	-6.6	20.0
p-Isopropyltoluene	Ave	3.242	3.491		0.0538	0.0500	7.7	20.0
1,4-Dichlorobenzene	Ave	1.484	1.348	0.5000	0.0454	0.0500	-9.2	20.0
n-Butylbenzene	Ave	3.148	3.277		0.0520	0.0500	4.1	20.0
1,2-Dichlorobenzene	Ave	1.421	1.338	0.4000	0.0471	0.0500	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0827	0.0500	0.0475	0.0500	-5.1	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9676	0.2000	0.0497	0.0500	-0.6	20.0
Hexachlorobutadiene	Ave	0.5396	0.5669		0.0525	0.0500	5.1	20.0
Naphthalene	Ave	2.263	1.925		0.0425	0.0500	-14.9	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.8905		0.0483	0.0500	-3.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2264		0.0526	0.0500	5.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2478		0.0493	0.0500	-1.5	20.0
Toluene-d8 (Surr)	Ave	1.539	1.561		0.0507	0.0500	1.5	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.030		0.0449	0.0500	-10.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206267/4 Calibration Date: 11/11/2015 11:00

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146359.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0212		0.473	0.500	-5.3	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4417		0.0509	0.0500	1.7	20.0
Diisopropyl ether	Ave	0.2079	0.2137		0.0514	0.0500	2.8	20.0
Ethyl t-butyl ether	Ave	0.8262	0.7386		0.0447	0.0500	-10.6	20.0
Ethyl acetate	Ave	0.1606	0.1311		0.0817	0.100	-18.3	20.0
Propionitrile	Ave	0.0278	0.0225		0.405	0.500	-18.9	20.0
Methacrylonitrile	Ave	0.1070	0.1032		0.482	0.500	-3.5	20.0
Tert-amyl methyl ether	Ave	0.7020	0.6097		0.0434	0.0500	-13.1	20.0
n-Butanol	Ave	0.0105	0.0072		0.856	1.25	-31.5*	20.0
Methyl methacrylate	Ave	0.1432	0.1282		0.0895	0.100	-10.5	20.0
2-Nitropropane	Ave	0.0224	0.0219		0.0976	0.100	-2.4	20.0
1-Chlorohexane	Ave	0.4504	0.4749		0.0527	0.0500	5.5	20.0
Cyclohexanone	Ave	0.0123	0.0087		0.353	0.500	-29.3*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.431		0.0565	0.0500	13.1	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.271		0.0580	0.0500	16.0	20.0
2-Methylnaphthalene	Ave	1.220	1.395		0.114	0.100	14.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4156	0.4225	0.1000	0.0102	0.0100	1.7	20.0
Chloromethane	Ave	0.3011	0.3110	0.1000	0.0103	0.0100	3.3	20.0
Vinyl chloride	Ave	0.3298	0.3307	0.1000	0.0100	0.0100	0.3	20.0
Butadiene	Ave	0.2931	0.2931		0.0100	0.0100	0.0	20.0
Bromomethane	Ave	0.1790	0.1830	0.0500	0.0102	0.0100	2.2	20.0
Chloroethane	Ave	0.1902	0.1873	0.0500	0.00985	0.0100	-1.5	20.0
Dichlorofluoromethane	Ave	0.5274	0.5397		0.0102	0.0100	2.3	20.0
Trichlorofluoromethane	Ave	0.4637	0.4802	0.1000	0.0104	0.0100	3.5	20.0
Ethyl ether	Ave	0.2188	0.2222		0.0102	0.0100	1.6	20.0
Acrolein	Ave	0.0206	0.0213		0.0519	0.0500	3.7	20.0
1,1-Dichloroethene	Ave	0.3129	0.3193	0.1000	0.0102	0.0100	2.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2564	0.2516	0.0500	0.00981	0.0100	-1.9	20.0
Acetone	Lin1		0.0720	0.0500	0.0179	0.0200	-10.4	20.0
Iodomethane	Ave	0.4880	0.5249		0.0108	0.0100	7.6	20.0
Carbon disulfide	Ave	0.8576	0.9130	0.1000	0.0106	0.0100	6.5	20.0
3-Chloro-1-propene	Ave	0.1725	0.1700		0.00986	0.0100	-1.4	20.0
Methyl acetate	Ave	0.1509	0.1547	0.1000	0.0513	0.0500	2.5	20.0
Methylene Chloride	Lin1		0.3809	0.1000	0.0108	0.0100	8.1	20.0
tert-Butyl alcohol (TBA)	Ave	0.0133	0.0127		0.0952	0.100	-4.8	20.0
Methyl tert-butyl ether	Ave	0.7657	0.8017	0.1000	0.0105	0.0100	4.7	20.0
Acrylonitrile	Ave	0.0817	0.0848		0.104	0.100	3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3449	0.3632	0.1000	0.0105	0.0100	5.3	20.0
Hexane	Ave	0.0890	0.0954		0.0107	0.0100	7.2	20.0
1,1-Dichloroethane	Ave	0.5976	0.6462	0.1000	0.0108	0.0100	8.1	20.0
Vinyl acetate	Ave	0.3243	0.3397		0.0105	0.0100	4.7	20.0
2,2-Dichloropropane	Ave	0.3227	0.3284		0.0102	0.0100	1.8	20.0
cis-1,2-Dichloroethene	Ave	0.3710	0.3792	0.1000	0.0102	0.0100	2.2	20.0
2-Butanone (MEK)	Ave	0.0913	0.0904	0.0500	0.0198	0.0200	-0.9	20.0
Bromochloromethane	Ave	0.1664	0.1732		0.0104	0.0100	4.1	20.0
Tetrahydrofuran	Ave	0.0518	0.0521		0.0201	0.0200	0.6	20.0
Chloroform	Ave	0.6432	0.6593	0.2000	0.0103	0.0100	2.5	20.0
1,1,1-Trichloroethane	Ave	0.4847	0.5200	0.1000	0.0107	0.0100	7.3	20.0
Cyclohexane	Ave	0.5639	0.5858	0.1000	0.0104	0.0100	3.9	20.0
Carbon tetrachloride	Ave	0.4107	0.4418	0.1000	0.0108	0.0100	7.6	20.0
1,1-Dichloropropene	Ave	0.4747	0.5316		0.0112	0.0100	12.0	20.0
Isobutyl alcohol	Ave	0.0049	0.0048		0.240	0.250	-3.8	20.0
Benzene	Ave	1.413	1.418	0.5000	0.0100	0.0100	0.3	20.0
1,2-Dichloroethane	Ave	0.5438	0.5527	0.1000	0.0102	0.0100	1.6	20.0
n-Heptane	Ave	0.0834	0.0834		0.0100	0.0100	0.0	20.0
Trichloroethene	Ave	0.3644	0.3846	0.2000	0.0106	0.0100	5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5417	0.5577	0.1000	0.0103	0.0100	2.9	20.0
1,2-Dichloropropane	Ave	0.2981	0.3108	0.1000	0.0104	0.0100	4.3	20.0
Dibromomethane	Ave	0.1769	0.1801		0.0102	0.0100	1.8	20.0
1,4-Dioxane	Ave	0.0026	0.0022		0.173	0.200	-13.3	20.0
Bromodichloromethane	Ave	0.3932	0.3997	0.1000	0.0102	0.0100	1.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1542	0.1535		0.00995	0.0100	-0.5	20.0
cis-1,3-Dichloropropene	Lin1		0.4542	0.1500	0.00976	0.0100	-2.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1647	0.1659	0.0500	0.0201	0.0200	0.7	20.0
Toluene	Ave	1.969	2.020	0.4000	0.0103	0.0100	2.6	20.0
trans-1,3-Dichloropropene	Lin1		0.4894	0.1000	0.00966	0.0100	-3.4	20.0
Ethyl methacrylate	Lin1		0.3989		0.00973	0.0100	-2.7	20.0
1,1,2-Trichloroethane	Ave	0.3317	0.3345	0.1000	0.0101	0.0100	0.8	20.0
Tetrachloroethene	Ave	0.3574	0.3694	0.2000	0.0103	0.0100	3.4	20.0
1,3-Dichloropropane	Ave	0.6349	0.6136		0.00966	0.0100	-3.4	20.0
2-Hexanone	Ave	0.1536	0.1464	0.0500	0.0191	0.0200	-4.7	20.0
Dibromochloromethane	Lin1		0.3187		0.00900	0.0100	-10.0	20.0
1,2-Dibromoethane	Ave	0.3251	0.3340		0.0103	0.0100	2.7	20.0
Chlorobenzene	Ave	1.266	1.274	0.3000	0.0101	0.0100	0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3736	0.3910		0.0105	0.0100	4.6	20.0
Ethylbenzene	Ave	0.6530	0.6716		0.0103	0.0100	2.9	20.0
m-Xylene & p-Xylene	Ave	1.789	1.810		0.0101	0.0100	1.2	20.0
o-Xylene	Ave	0.7816	0.8009		0.0102	0.0100	2.5	20.0
Styrene	Ave	1.363	1.339	0.3000	0.00982	0.0100	-1.8	20.0
Bromoform	Lin1		0.1536	0.1000	0.00884	0.0100	-11.6	20.0
Isopropylbenzene	Ave	2.107	2.197	0.1000	0.0104	0.0100	4.3	20.0
Bromobenzene	Ave	0.9352	0.9714		0.0104	0.0100	3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6716	0.6952	0.3000	0.0104	0.0100	3.5	20.0
1,2,3-Trichloropropane	Ave	0.2436	0.2556		0.0105	0.0100	4.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1999	0.2133		0.0107	0.0100	6.7	20.0
N-Propylbenzene	Ave	1.009	1.078		0.0107	0.0100	6.8	20.0
2-Chlorotoluene	Ave	0.8945	0.9279		0.0104	0.0100	3.7	20.0
1,3,5-Trimethylbenzene	Ave	3.344	3.567		0.0107	0.0100	6.7	20.0
4-Chlorotoluene	Ave	3.463	3.593		0.0104	0.0100	3.7	20.0
tert-Butylbenzene	Ave	2.784	2.904		0.0104	0.0100	4.3	20.0
1,2,4-Trimethylbenzene	Ave	3.455	3.643		0.0105	0.0100	5.4	20.0
sec-Butylbenzene	Ave	3.779	3.924		0.0104	0.0100	3.8	20.0
1,3-Dichlorobenzene	Ave	1.848	1.859	0.6000	0.0101	0.0100	0.6	20.0
p-Isopropyltoluene	Ave	3.438	3.575		0.0104	0.0100	4.0	20.0
1,4-Dichlorobenzene	Ave	1.910	1.909	0.5000	0.00999	0.0100	-0.0	20.0
n-Butylbenzene	Ave	2.836	2.887		0.0102	0.0100	1.8	20.0
1,2-Dichlorobenzene	Ave	1.764	1.756	0.4000	0.00996	0.0100	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0997	0.0500	0.00916	0.0100	-8.4	20.0
1,2,4-Trichlorobenzene	Ave	1.161	1.106	0.2000	0.00952	0.0100	-4.8	20.0
Hexachlorobutadiene	Ave	0.5590	0.5093		0.00911	0.0100	-8.9	20.0
Naphthalene	Ave	2.480	2.519		0.0102	0.0100	1.6	20.0
1,2,3-Trichlorobenzene	Ave	1.053	1.024		0.00972	0.0100	-2.8	20.0
Dibromofluoromethane (Surr)	Ave	0.3239	0.3161		0.00715	0.00733	-2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4605	0.4381		0.00697	0.00733	-4.9	20.0
Toluene-d8 (Surr)	Ave	1.768	1.697		0.00704	0.00733	-4.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6700	0.6795		0.00744	0.00733	1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/15 Calibration Date: 10/28/2015 18:00

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 15:44

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 17:37

Lab File ID: UXC3837.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0228	0.0226		0.0993	0.100	-0.7	20.0
Diisopropyl ether	Ave	0.2803	0.2896		0.0103	0.0100	3.3	20.0
2-Chloro-1,3-butadiene	Ave	0.5186	0.5418		0.0104	0.0100	4.5	20.0
Ethyl t-butyl ether	Ave	0.8119	0.8342		0.0103	0.0100	2.7	20.0
Ethyl acetate	Ave	0.1644	0.1655		0.0201	0.0200	0.7	20.0
Propionitrile	Ave	0.0293	0.0301		0.103	0.100	2.7	20.0
Methacrylonitrile	Ave	0.1324	0.1374		0.104	0.100	3.8	20.0
Tert-amyl methyl ether	Ave	0.6462	0.6564		0.0102	0.0100	1.6	20.0
n-Butanol	Ave	0.0035	0.0031		0.219	0.250	-12.3	20.0
Methyl methacrylate	Ave	0.1803	0.1875		0.0208	0.0200	4.0	20.0
2-Nitropropane	Ave	0.0274	0.0237		0.0173	0.0200	-13.7	20.0
1-Chlorohexane	Ave	0.5138	0.5158		0.0100	0.0100	0.4	20.0
Cyclohexanone	Ave	0.0128	0.0120		0.0933	0.100	-6.7	20.0
1,2,3-Trimethylbenzene	Ave	3.502	3.574		0.0102	0.0100	2.0	20.0
1,3,5-Trichlorobenzene	Ave	1.274	1.242		0.00974	0.0100	-2.6	20.0
2-Methylnaphthalene	Ave	1.424	1.167		0.0164	0.0200	-18.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4156	0.4748	0.1000	0.0114	0.0100	14.3	20.0
Chloromethane	Ave	0.3011	0.2531	0.1000	0.00841	0.0100	-15.9	20.0
Vinyl chloride	Ave	0.3298	0.2842	0.1000	0.00862	0.0100	-13.8	20.0
Butadiene	Ave	0.2931	0.2523		0.00861	0.0100	-13.9	20.0
Bromomethane	Ave	0.1790	0.1968	0.0500	0.0110	0.0100	10.0	20.0
Chloroethane	Ave	0.1902	0.1836	0.0500	0.00965	0.0100	-3.5	20.0
Dichlorofluoromethane	Ave	0.5274	0.5573		0.0106	0.0100	5.7	20.0
Trichlorofluoromethane	Ave	0.4637	0.4470	0.1000	0.00964	0.0100	-3.6	20.0
Ethyl ether	Ave	0.2188	0.1979		0.00905	0.0100	-9.5	20.0
Acrolein	Ave	0.0206	0.0157		0.0381	0.0500	-23.9*	20.0
1,1-Dichloroethene	Ave	0.3129	0.3099	0.1000	0.00990	0.0100	-1.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2564	0.2706	0.0500	0.0106	0.0100	5.5	20.0
Acetone	Lin1		0.0764	0.0500	0.0191	0.0200	-4.3	20.0
Iodomethane	Ave	0.4880	0.5373		0.0110	0.0100	10.1	20.0
Carbon disulfide	Ave	0.8576	0.8155	0.1000	0.00951	0.0100	-4.9	20.0
3-Chloro-1-propene	Ave	0.1725	0.1609		0.00933	0.0100	-6.7	20.0
Methyl acetate	Ave	0.1509	0.1291	0.1000	0.0428	0.0500	-14.4	20.0
Methylene Chloride	Lin1		0.3455	0.1000	0.00970	0.0100	-3.0	20.0
tert-Butyl alcohol (TBA)	Ave	0.0133	0.0120		0.0900	0.100	-10.0	20.0
Methyl tert-butyl ether	Ave	0.7657	0.7865	0.1000	0.0103	0.0100	2.7	20.0
trans-1,2-Dichloroethene	Ave	0.3449	0.3440	0.1000	0.00998	0.0100	-0.2	20.0
Acrylonitrile	Ave	0.0817	0.0722		0.0883	0.100	-11.7	20.0
Hexane	Ave	0.0890	0.0821		0.00922	0.0100	-7.8	20.0
1,1-Dichloroethane	Ave	0.5976	0.5650	0.1000	0.00945	0.0100	-5.5	20.0
Vinyl acetate	Ave	0.3243	0.3339		0.0103	0.0100	2.9	20.0
2,2-Dichloropropane	Ave	0.3227	0.3420		0.0106	0.0100	6.0	20.0
cis-1,2-Dichloroethene	Ave	0.3710	0.3555	0.1000	0.00958	0.0100	-4.2	20.0
2-Butanone (MEK)	Ave	0.0913	0.0782	0.0500	0.0171	0.0200	-14.3	20.0
Bromochloromethane	Ave	0.1664	0.1838		0.0110	0.0100	10.5	20.0
Tetrahydrofuran	Ave	0.0518	0.0467		0.0181	0.0200	-9.7	20.0
Chloroform	Ave	0.6432	0.6727	0.2000	0.0105	0.0100	4.6	20.0
1,1,1-Trichloroethane	Ave	0.4847	0.5235	0.1000	0.0108	0.0100	8.0	20.0
Cyclohexane	Ave	0.5639	0.4901	0.1000	0.00869	0.0100	-13.1	20.0
1,1-Dichloropropene	Ave	0.4747	0.4704		0.00991	0.0100	-0.9	20.0
Carbon tetrachloride	Ave	0.4107	0.4780	0.1000	0.0116	0.0100	16.4	20.0
Isobutyl alcohol	Ave	0.0049	0.0045		0.228	0.250	-8.9	20.0
Benzene	Ave	1.413	1.334	0.5000	0.00944	0.0100	-5.6	20.0
1,2-Dichloroethane	Ave	0.5438	0.5731	0.1000	0.0105	0.0100	5.4	20.0
n-Heptane	Ave	0.0834	0.0828		0.00993	0.0100	-0.7	20.0
Trichloroethene	Ave	0.3644	0.3950	0.2000	0.0108	0.0100	8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5417	0.4958	0.1000	0.00915	0.0100	-8.5	20.0
1,2-Dichloropropane	Ave	0.2981	0.2720	0.1000	0.00913	0.0100	-8.7	20.0
Dibromomethane	Ave	0.1769	0.1852		0.0105	0.0100	4.7	20.0
1,4-Dioxane	Ave	0.0026	0.0024		0.187	0.200	-6.5	20.0
Bromodichloromethane	Ave	0.3932	0.4333	0.1000	0.0110	0.0100	10.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1542	0.1349		0.0175	0.0200	-12.5	20.0
cis-1,3-Dichloropropene	Lin1		0.4161	0.1500	0.00898	0.0100	-10.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1647	0.1558	0.0500	0.0189	0.0200	-5.4	20.0
Toluene	Ave	1.969	1.768	0.4000	0.00898	0.0100	-10.2	20.0
trans-1,3-Dichloropropene	Lin1		0.4223	0.1000	0.00842	0.0100	-15.8	20.0
Ethyl methacrylate	Lin1		0.3389		0.00834	0.0100	-16.6	20.0
1,1,2-Trichloroethane	Ave	0.3317	0.3105	0.1000	0.00936	0.0100	-6.4	20.0
Tetrachloroethene	Ave	0.3574	0.3563	0.2000	0.00997	0.0100	-0.3	20.0
1,3-Dichloropropane	Ave	0.6349	0.5496		0.00866	0.0100	-13.4	20.0
2-Hexanone	Ave	0.1536	0.1235	0.0500	0.0161	0.0200	-19.6	20.0
Dibromochloromethane	Lin1		0.3343		0.00941	0.0100	-5.9	20.0
1,2-Dibromoethane	Ave	0.3251	0.3105		0.00955	0.0100	-4.5	20.0
Chlorobenzene	Ave	1.266	1.196	0.3000	0.00944	0.0100	-5.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3736	0.4061		0.0109	0.0100	8.7	20.0
Ethylbenzene	Ave	0.6530	0.6239		0.00956	0.0100	-4.4	20.0
m-Xylene & p-Xylene	Ave	1.789	1.688		0.00943	0.0100	-5.7	20.0
o-Xylene	Ave	0.7816	0.7445		0.00952	0.0100	-4.8	20.0
Styrene	Ave	1.363	1.327	0.3000	0.00974	0.0100	-2.6	20.0
Bromoform	Lin1		0.1723	0.1000	0.00983	0.0100	-1.7	20.0
Isopropylbenzene	Ave	2.107	2.063	0.1000	0.00979	0.0100	-2.1	20.0
Bromobenzene	Ave	0.9352	0.8652		0.00925	0.0100	-7.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6716	0.5654	0.3000	0.00842	0.0100	-15.8	20.0
1,2,3-Trichloropropane	Ave	0.2436	0.2253		0.00925	0.0100	-7.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1999	0.1452		0.00726	0.0100	-27.4*	20.0
N-Propylbenzene	Ave	1.009	0.8864		0.00878	0.0100	-12.2	20.0
2-Chlorotoluene	Ave	0.8945	0.7988		0.00893	0.0100	-10.7	20.0
1,3,5-Trimethylbenzene	Ave	3.344	2.940		0.00879	0.0100	-12.1	20.0
4-Chlorotoluene	Ave	3.463	2.986		0.00862	0.0100	-13.8	20.0
tert-Butylbenzene	Ave	2.784	2.450		0.00880	0.0100	-12.0	20.0
1,2,4-Trimethylbenzene	Ave	3.455	3.098		0.00897	0.0100	-10.3	20.0
sec-Butylbenzene	Ave	3.779	3.234		0.00856	0.0100	-14.4	20.0
1,3-Dichlorobenzene	Ave	1.848	1.686	0.6000	0.00912	0.0100	-8.8	20.0
p-Isopropyltoluene	Ave	3.438	3.118		0.00907	0.0100	-9.3	20.0
1,4-Dichlorobenzene	Ave	1.910	1.691	0.5000	0.00885	0.0100	-11.5	20.0
n-Butylbenzene	Ave	2.836	2.292		0.00808	0.0100	-19.2	20.0
1,2-Dichlorobenzene	Ave	1.764	1.567	0.4000	0.00889	0.0100	-11.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0997	0.0500	0.00917	0.0100	-8.3	20.0
1,2,4-Trichlorobenzene	Ave	1.161	1.004	0.2000	0.00864	0.0100	-13.6	20.0
Hexachlorobutadiene	Ave	0.5590	0.4334		0.00775	0.0100	-22.5*	20.0
Naphthalene	Ave	2.480	2.098		0.00846	0.0100	-15.4	20.0
1,2,3-Trichlorobenzene	Ave	1.053	0.8905		0.00846	0.0100	-15.4	20.0
Dibromofluoromethane (Surr)	Ave	0.3239	0.3247		0.00735	0.00733	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4605	0.4500		0.00716	0.00733	-2.3	20.0
Toluene-d8 (Surr)	Ave	1.768	1.546		0.00641	0.00733	-12.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6700	0.6842		0.00749	0.00733	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206461/3 Calibration Date: 11/12/2015 11:26

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 15:44

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 17:37

Lab File ID: UXC4394.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0228	0.0075		0.0330	0.100	-67.0*	20.0
Diisopropyl ether	Ave	0.2803	0.2793		0.00996	0.0100	-0.4	20.0
2-Chloro-1,3-butadiene	Ave	0.5186	0.4985		0.00961	0.0100	-3.9	20.0
Ethyl t-butyl ether	Ave	0.8119	0.7747		0.00954	0.0100	-4.6	20.0
Ethyl acetate	Ave	0.1644	0.1216		0.0148	0.0200	-26.0*	20.0
Propionitrile	Ave	0.0293	0.0194		0.0663	0.100	-33.7*	20.0
Methacrylonitrile	Ave	0.1324	0.1064		0.0804	0.100	-19.6	20.0
Tert-amyl methyl ether	Ave	0.6462	0.6591		0.0102	0.0100	2.0	20.0
n-Butanol	Ave	0.0035	0.0016		0.115	0.250	-54.1*	20.0
Methyl methacrylate	Ave	0.1803	0.1522		0.0169	0.0200	-15.6	20.0
2-Nitropropane	Ave	0.0274	0.0252		0.0184	0.0200	-8.2	20.0
1-Chlorohexane	Ave	0.5138	0.4605		0.00896	0.0100	-10.4	20.0
Cyclohexanone	Ave	0.0128	0.0048		0.0378	0.100	-62.2*	20.0
1,2,3-Trimethylbenzene	Ave	3.502	3.168		0.00905	0.0100	-9.5	20.0
1,3,5-Trichlorobenzene	Ave	1.274	1.080		0.00847	0.0100	-15.3	20.0
2-Methylnaphthalene	Ave	1.424	0.9190		0.0129	0.0200	-35.5*	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	2.83	J	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	3.14	J	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.350	J	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.369	J	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	90		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206461/6

Matrix: Water | Lab File ID: UXC4396.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.583	J	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206461/6

Matrix: Water | Lab File ID: UXC4396.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206461/6

Matrix: Water Lab File ID: UXC4396.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206461 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		79-120
460-00-4	4-Bromofluorobenzene (Surr)	97		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206051/5

Matrix: Solid | Lab File ID: 146327.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 11:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.4		5.0	0.50
71-55-6	1,1,1-Trichloroethane	22.0		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	19.6		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.9		5.0	0.42
75-34-3	1,1-Dichloroethane	18.5		5.0	0.34
75-35-4	1,1-Dichloroethene	19.1		5.0	0.80
563-58-6	1,1-Dichloropropene	20.3		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	19.5		5.0	0.50
96-18-4	1,2,3-Trichloropropane	20.3		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	20.6		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	20.3		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		10	2.7
95-50-1	1,2-Dichlorobenzene	19.0		5.0	0.34
107-06-2	1,2-Dichloroethane	19.3		5.0	0.46
78-87-5	1,2-Dichloropropane	17.7		5.0	0.14
541-73-1	1,3-Dichlorobenzene	19.3		5.0	0.69
142-28-9	1,3-Dichloropropane	18.6		5.0	0.40
106-46-7	1,4-Dichlorobenzene	18.8		5.0	0.28
594-20-7	2,2-Dichloropropane	21.3		5.0	0.44
78-93-3	2-Butanone (MEK)	31.5		20	1.1
110-75-8	2-Chloroethyl vinyl ether	14.8	J	50	0.64
95-49-8	2-Chlorotoluene	20.2		5.0	0.30
591-78-6	2-Hexanone	31.3		20	0.68
106-43-4	4-Chlorotoluene	20.0		5.0	0.26
99-87-6	p-Isopropyltoluene	20.7		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	30.7		20	1.2
67-64-1	Acetone	32.8		20	5.7
71-43-2	Benzene	18.5		5.0	0.90
108-86-1	Bromobenzene	21.3		5.0	0.33
75-25-2	Bromoform	16.3		5.0	0.24
74-83-9	Bromomethane	18.8		5.0	0.42
75-15-0	Carbon disulfide	15.1		5.0	0.59
56-23-5	Carbon tetrachloride	21.9		5.0	0.65
108-90-7	Chlorobenzene	19.9		5.0	0.53
124-48-1	Dibromochloromethane	18.2		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206051/5

Matrix: Solid | Lab File ID: 146327.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 11:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	18.7		5.0	0.44
67-66-3	Chloroform	19.9		5.0	0.36
74-87-3	Chloromethane	14.5		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	19.6		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	17.3		5.0	0.71
74-95-3	Dibromomethane	19.1		5.0	0.42
74-97-5	Bromochloromethane	21.1		5.0	0.33
75-71-8	Dichlorodifluoromethane	16.4		5.0	0.28
75-27-4	Bromodichloromethane	18.1		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	138	J	200	5.7
100-41-4	Ethylbenzene	19.8		5.0	0.32
87-68-3	Hexachlorobutadiene	21.4		5.0	0.40
98-82-8	Isopropylbenzene	20.6		5.0	0.20
1634-04-4	Methyl tert-butyl ether	18.7		5.0	0.43
75-09-2	Methylene Chloride	16.7		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	19.8		10	0.42
91-20-3	Naphthalene	18.4		5.0	0.35
104-51-8	n-Butylbenzene	20.2		5.0	0.59
103-65-1	N-Propylbenzene	19.8		5.0	0.60
95-47-6	o-Xylene	20.7		5.0	0.57
135-98-8	sec-Butylbenzene	19.9		5.0	0.91
100-42-5	Styrene	18.7		5.0	0.40
127-18-4	Tetrachloroethene	19.6		5.0	0.80
108-88-3	Toluene	20.5		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	20.1		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	19.3		5.0	0.29
79-01-6	Trichloroethene	21.1		5.0	0.38
75-69-4	Trichlorofluoromethane	22.3		5.0	0.29
108-05-4	Vinyl acetate	16.9		10	0.66
75-01-4	Vinyl chloride	15.8		5.0	0.30
1330-20-7	Xylenes, Total	40.5		10	0.54
98-06-6	tert-Butylbenzene	20.1		5.0	0.67
106-93-4	1,2-Dibromoethane	19.7		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206051/5

Matrix: Solid Lab File ID: 146327.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/10/2015 11:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206051 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206267/5

Matrix: Solid | Lab File ID: 146360.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.7		5.0	0.50
71-55-6	1,1,1-Trichloroethane	22.4		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	20.2		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.2		5.0	0.42
75-34-3	1,1-Dichloroethane	19.0		5.0	0.34
75-35-4	1,1-Dichloroethene	18.6		5.0	0.80
563-58-6	1,1-Dichloropropene	20.9		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	20.6		5.0	0.50
96-18-4	1,2,3-Trichloropropane	21.8		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	21.3		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	21.1		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		10	2.7
95-50-1	1,2-Dichlorobenzene	20.6		5.0	0.34
107-06-2	1,2-Dichloroethane	20.6		5.0	0.46
78-87-5	1,2-Dichloropropane	19.1		5.0	0.14
541-73-1	1,3-Dichlorobenzene	20.2		5.0	0.69
142-28-9	1,3-Dichloropropane	20.5		5.0	0.40
106-46-7	1,4-Dichlorobenzene	20.4		5.0	0.28
594-20-7	2,2-Dichloropropane	21.9		5.0	0.44
78-93-3	2-Butanone (MEK)	33.7		20	1.1
110-75-8	2-Chloroethyl vinyl ether	15.3	J	50	0.64
95-49-8	2-Chlorotoluene	21.5		5.0	0.30
591-78-6	2-Hexanone	32.9		20	0.68
106-43-4	4-Chlorotoluene	21.6		5.0	0.26
99-87-6	p-Isopropyltoluene	22.3		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	32.6		20	1.2
67-64-1	Acetone	33.3		20	5.7
71-43-2	Benzene	19.4		5.0	0.90
108-86-1	Bromobenzene	22.4		5.0	0.33
75-25-2	Bromoform	17.7		5.0	0.24
74-83-9	Bromomethane	19.6		5.0	0.42
75-15-0	Carbon disulfide	14.8		5.0	0.59
56-23-5	Carbon tetrachloride	22.8		5.0	0.65
108-90-7	Chlorobenzene	21.0		5.0	0.53
124-48-1	Dibromochloromethane	19.4		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206267/5

Matrix: Solid | Lab File ID: 146360.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	19.9		5.0	0.44
67-66-3	Chloroform	21.0		5.0	0.36
74-87-3	Chloromethane	15.6		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	20.1		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	18.4		5.0	0.71
74-95-3	Dibromomethane	21.4		5.0	0.42
74-97-5	Bromochloromethane	22.2		5.0	0.33
75-71-8	Dichlorodifluoromethane	20.4		5.0	0.28
75-27-4	Bromodichloromethane	19.2		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	143	J	200	5.7
100-41-4	Ethylbenzene	21.3		5.0	0.32
87-68-3	Hexachlorobutadiene	23.6		5.0	0.40
98-82-8	Isopropylbenzene	21.2		5.0	0.20
1634-04-4	Methyl tert-butyl ether	18.5		5.0	0.43
75-09-2	Methylene Chloride	16.9		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	21.3		10	0.42
91-20-3	Naphthalene	18.4		5.0	0.35
104-51-8	n-Butylbenzene	21.8		5.0	0.59
103-65-1	N-Propylbenzene	21.7		5.0	0.60
95-47-6	o-Xylene	21.7		5.0	0.57
135-98-8	sec-Butylbenzene	20.9		5.0	0.91
100-42-5	Styrene	20.0		5.0	0.40
127-18-4	Tetrachloroethene	21.3		5.0	0.80
108-88-3	Toluene	21.3		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	20.3		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	20.6		5.0	0.29
79-01-6	Trichloroethene	21.5		5.0	0.38
75-69-4	Trichlorofluoromethane	22.8		5.0	0.29
108-05-4	Vinyl acetate	17.7		10	0.66
75-01-4	Vinyl chloride	16.8		5.0	0.30
1330-20-7	Xylenes, Total	43.0		10	0.54
98-06-6	tert-Butylbenzene	21.4		5.0	0.67
106-93-4	1,2-Dibromoethane	21.7		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206267/5

Matrix: Solid Lab File ID: 146360.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/11/2015 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206267 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		67-125
1868-53-7	Dibromofluoromethane (Surr)	99		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206461/4

Matrix: Water | Lab File ID: UXC4393.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 11:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	11.8		1.0	0.28
71-55-6	1,1,1-Trichloroethane	11.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	9.38		1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.57		1.0	0.45
75-34-3	1,1-Dichloroethane	9.43		1.0	0.30
75-35-4	1,1-Dichloroethene	8.73		1.0	0.45
563-58-6	1,1-Dichloropropene	10.4		1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	8.64		1.0	0.37
96-18-4	1,2,3-Trichloropropane	11.3		1.0	0.44
120-82-1	1,2,4-Trichlorobenzene	8.66		1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	9.93		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	9.17		2.0	0.82
95-50-1	1,2-Dichlorobenzene	9.76		1.0	0.25
107-06-2	1,2-Dichloroethane	10.5		1.0	0.23
78-87-5	1,2-Dichloropropane	9.07		1.0	0.25
541-73-1	1,3-Dichlorobenzene	9.90		1.0	0.19
142-28-9	1,3-Dichloropropane	9.29		1.0	0.19
106-46-7	1,4-Dichlorobenzene	9.83		1.0	0.27
594-20-7	2,2-Dichloropropane	10.4		1.0	0.26
78-93-3	2-Butanone (MEK)	16.3		10	0.53
110-75-8	2-Chloroethyl vinyl ether	8.93	J	10	0.59
95-49-8	2-Chlorotoluene	10.4		1.0	0.40
591-78-6	2-Hexanone	17.6		10	0.48
106-43-4	4-Chlorotoluene	9.89		1.0	0.29
99-87-6	p-Isopropyltoluene	9.42		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	18.1		10	0.99
67-64-1	Acetone	13.6		10	0.94
71-43-2	Benzene	9.23		1.0	0.35
108-86-1	Bromobenzene	10.7		1.0	0.35
75-25-2	Bromoform	10.7		1.0	0.56
74-83-9	Bromomethane	11.0		1.0	0.44
75-15-0	Carbon disulfide	7.86		1.0	0.38
56-23-5	Carbon tetrachloride	11.6		1.0	0.43
108-90-7	Chlorobenzene	10.2		1.0	0.25
124-48-1	Dibromochloromethane	10.6		1.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206461/4

Matrix: Water | Lab File ID: UXC4393.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 11:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	9.73		1.0	0.32
67-66-3	Chloroform	10.6		1.0	0.25
74-87-3	Chloromethane	8.46		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	9.74		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	9.52		1.0	0.46
74-95-3	Dibromomethane	10.7		1.0	0.42
74-97-5	Bromochloromethane	10.8		1.0	0.50
75-71-8	Dichlorodifluoromethane	10.5		1.0	0.32
75-27-4	Bromodichloromethane	11.0		1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	72.2		50	4.9
100-41-4	Ethylbenzene	10.5		1.0	0.25
87-68-3	Hexachlorobutadiene	8.37		1.0	0.35
98-82-8	Isopropylbenzene	10.4		1.0	0.35
1634-04-4	Methyl tert-butyl ether	10.1		1.0	0.20
75-09-2	Methylene Chloride	9.34		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	10.0		2.0	0.24
91-20-3	Naphthalene	8.44		1.0	0.45
104-51-8	n-Butylbenzene	8.71		1.0	0.31
103-65-1	N-Propylbenzene	10.2		1.0	0.40
95-47-6	o-Xylene	10.4		1.0	0.25
135-98-8	sec-Butylbenzene	9.27		1.0	0.48
100-42-5	Styrene	9.85		1.0	0.45
127-18-4	Tetrachloroethene	10.9		1.0	0.31
108-88-3	Toluene	9.77		1.0	0.23
156-60-5	trans-1,2-Dichloroethene	9.53		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	9.90		1.0	0.56
79-01-6	Trichloroethene	11.1		1.0	0.22
75-69-4	Trichlorofluoromethane	9.70		1.0	0.49
108-05-4	Vinyl acetate	9.77		2.0	0.41
75-01-4	Vinyl chloride	9.07		1.0	0.29
1330-20-7	Xylenes, Total	20.4		2.0	0.52
98-06-6	tert-Butylbenzene	9.67		1.0	0.41
106-93-4	1,2-Dibromoethane	10.7		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206461/4

Matrix: Water Lab File ID: UXC4393.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/12/2015 11:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206461 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		79-120
460-00-4	4-Bromofluorobenzene (Surr)	103		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MS | Lab Sample ID: 240-57597-5 MS

Matrix: Solid | Lab File ID: 146341.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.17(g) | Date Analyzed: 11/10/2015 16:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	23.0		5.7	0.57
71-55-6	1,1,1-Trichloroethane	24.1		5.7	0.74
79-34-5	1,1,2,2-Tetrachloroethane	26.6		5.7	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.5		5.7	0.48
75-34-3	1,1-Dichloroethane	21.1		5.7	0.39
75-35-4	1,1-Dichloroethene	19.8		5.7	0.91
563-58-6	1,1-Dichloropropene	22.7		5.7	0.42
87-61-6	1,2,3-Trichlorobenzene	14.1		5.7	0.57
96-18-4	1,2,3-Trichloropropane	23.8		5.7	0.89
526-73-8	1,2,3-Trimethylbenzene	1.81	J	5.7	0.52
120-82-1	1,2,4-Trichlorobenzene	14.2		5.7	0.43
95-63-6	1,2,4-Trimethylbenzene	18.7		5.7	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		11	3.1
95-50-1	1,2-Dichlorobenzene	18.1		5.7	0.39
107-06-2	1,2-Dichloroethane	22.0		5.7	0.52
78-87-5	1,2-Dichloropropane	20.8		5.7	0.16
541-73-1	1,3-Dichlorobenzene	18.3		5.7	0.79
142-28-9	1,3-Dichloropropane	22.5		5.7	0.46
106-46-7	1,4-Dichlorobenzene	17.8		5.7	0.32
594-20-7	2,2-Dichloropropane	24.0		5.7	0.50
78-93-3	2-Butanone (MEK)	36.6		23	1.3
110-75-8	2-Chloroethyl vinyl ether	16.4	J	57	0.73
95-49-8	2-Chlorotoluene	20.8		5.7	0.34
591-78-6	2-Hexanone	52.2		23	0.78
106-43-4	4-Chlorotoluene	19.4		5.7	0.30
99-87-6	p-Isopropyltoluene	19.0		5.7	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	150		23	1.4
67-64-1	Acetone	47.7		23	6.5
71-43-2	Benzene	21.1		5.7	1.0
108-86-1	Bromobenzene	21.7		5.7	0.38
75-25-2	Bromoform	18.7		5.7	0.27
74-83-9	Bromomethane	19.8		5.7	0.48
75-15-0	Carbon disulfide	16.0		5.7	0.67
56-23-5	Carbon tetrachloride	24.0		5.7	0.74
108-90-7	Chlorobenzene	20.7		5.7	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MS | Lab Sample ID: 240-57597-5 MS

Matrix: Solid | Lab File ID: 146341.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.17(g) | Date Analyzed: 11/10/2015 16:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	20.2		5.7	0.42
75-00-3	Chloroethane	21.5		5.7	0.50
67-66-3	Chloroform	22.9		5.7	0.41
74-87-3	Chloromethane	15.9		5.7	0.90
156-59-2	cis-1,2-Dichloroethene	22.1		5.7	0.32
10061-01-5	cis-1,3-Dichloropropene	19.1		5.7	0.81
74-95-3	Dibromomethane	22.0		5.7	0.48
74-97-5	Bromochloromethane	23.3		5.7	0.38
75-71-8	Dichlorodifluoromethane	18.3		5.7	0.32
75-27-4	Bromodichloromethane	20.0		5.7	0.33
75-65-0	tert-Butyl alcohol (TBA)	164	J	230	6.5
100-41-4	Ethylbenzene	20.5		5.7	0.36
87-68-3	Hexachlorobutadiene	12.5		5.7	0.46
108-20-3	Diisopropyl ether	0.67	U	11	0.67
98-82-8	Isopropylbenzene	19.5		5.7	0.23
1634-04-4	Methyl tert-butyl ether	20.9		5.7	0.49
75-09-2	Methylene Chloride	18.8		5.7	0.84
179601-23-1	m-Xylene & p-Xylene	19.3		11	0.48
91-20-3	Naphthalene	17.8		5.7	0.40
104-51-8	n-Butylbenzene	16.6		5.7	0.67
103-65-1	N-Propylbenzene	19.7		5.7	0.68
95-47-6	o-Xylene	20.9		5.7	0.65
135-98-8	sec-Butylbenzene	18.2		5.7	1.0
100-42-5	Styrene	17.9		5.7	0.46
994-05-8	Tert-amyl methyl ether	0.49	U	5.7	0.49
637-92-3	Ethyl t-butyl ether	0.47	U	5.7	0.47
127-18-4	Tetrachloroethene	22.3		5.7	0.91
108-88-3	Toluene	22.0		5.7	0.31
156-60-5	trans-1,2-Dichloroethene	22.3		5.7	0.36
10061-02-6	trans-1,3-Dichloropropene	21.1		5.7	0.33
79-01-6	Trichloroethene	23.2		5.7	0.43
75-69-4	Trichlorofluoromethane	23.0		5.7	0.33
108-05-4	Vinyl acetate	14.4		11	0.75
75-01-4	Vinyl chloride	17.4		5.7	0.34
1330-20-7	Xylenes, Total	40.2		11	0.62
98-06-6	tert-Butylbenzene	21.3		5.7	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MS | Lab Sample ID: 240-57597-5 MS

Matrix: Solid | Lab File ID: 146341.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.17(g) | Date Analyzed: 11/10/2015 16:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	24.2		5.7	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		67-125
1868-53-7	Dibromofluoromethane (Surr)	97		37-132
460-00-4	4-Bromofluorobenzene (Surr)	95		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 146366.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.91(g) | Date Analyzed: 11/11/2015 13:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.2		4.9	0.49
71-55-6	1,1,1-Trichloroethane	22.0		4.9	0.64
79-34-5	1,1,2,2-Tetrachloroethane	19.2		4.9	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.4		4.9	0.42
75-34-3	1,1-Dichloroethane	18.4		4.9	0.34
75-35-4	1,1-Dichloroethene	18.3		4.9	0.79
563-58-6	1,1-Dichloropropene	20.4		4.9	0.37
87-61-6	1,2,3-Trichlorobenzene	19.1		4.9	0.49
96-18-4	1,2,3-Trichloropropane	22.1		4.9	0.77
526-73-8	1,2,3-Trimethylbenzene	0.46	U	4.9	0.46
120-82-1	1,2,4-Trichlorobenzene	19.5		4.9	0.38
95-63-6	1,2,4-Trimethylbenzene	19.4		4.9	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		9.9	2.7
95-50-1	1,2-Dichlorobenzene	18.5		4.9	0.34
107-06-2	1,2-Dichloroethane	19.3		4.9	0.46
78-87-5	1,2-Dichloropropane	17.0		4.9	0.14
541-73-1	1,3-Dichlorobenzene	19.2		4.9	0.68
142-28-9	1,3-Dichloropropane	18.5		4.9	0.40
106-46-7	1,4-Dichlorobenzene	17.9		4.9	0.28
594-20-7	2,2-Dichloropropane	21.6		4.9	0.44
78-93-3	2-Butanone (MEK)	30.1		20	1.1
110-75-8	2-Chloroethyl vinyl ether	12.6	J	49	0.63
95-49-8	2-Chlorotoluene	19.9		4.9	0.30
591-78-6	2-Hexanone	31.1		20	0.67
106-43-4	4-Chlorotoluene	19.3		4.9	0.26
99-87-6	p-Isopropyltoluene	20.1		4.9	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	32.3		20	1.2
67-64-1	Acetone	30.0		20	5.6
71-43-2	Benzene	18.5		4.9	0.89
108-86-1	Bromobenzene	19.9		4.9	0.33
75-25-2	Bromoform	16.1		4.9	0.24
74-83-9	Bromomethane	19.1		4.9	0.42
75-15-0	Carbon disulfide	13.8		4.9	0.58
56-23-5	Carbon tetrachloride	21.4		4.9	0.64
108-90-7	Chlorobenzene	19.3		4.9	0.52

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 146366.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.91(g) | Date Analyzed: 11/11/2015 13:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	17.1		4.9	0.37
75-00-3	Chloroethane	19.4		4.9	0.44
67-66-3	Chloroform	20.5		4.9	0.36
74-87-3	Chloromethane	15.5		4.9	0.78
156-59-2	cis-1,2-Dichloroethene	19.6		4.9	0.28
10061-01-5	cis-1,3-Dichloropropene	16.0		4.9	0.70
74-95-3	Dibromomethane	21.4		4.9	0.42
74-97-5	Bromochloromethane	20.6		4.9	0.33
75-71-8	Dichlorodifluoromethane	19.9		4.9	0.28
75-27-4	Bromodichloromethane	17.2		4.9	0.29
75-65-0	tert-Butyl alcohol (TBA)	163	J	200	5.6
100-41-4	Ethylbenzene	19.0		4.9	0.32
87-68-3	Hexachlorobutadiene	20.9		4.9	0.40
108-20-3	Diisopropyl ether	0.58	U	9.9	0.58
98-82-8	Isopropylbenzene	20.0		4.9	0.20
1634-04-4	Methyl tert-butyl ether	17.5		4.9	0.43
75-09-2	Methylene Chloride	16.2		4.9	0.73
179601-23-1	m-Xylene & p-Xylene	19.4		9.9	0.42
91-20-3	Naphthalene	16.9		4.9	0.35
104-51-8	n-Butylbenzene	19.3		4.9	0.58
103-65-1	N-Propylbenzene	19.4		4.9	0.59
95-47-6	o-Xylene	19.5		4.9	0.56
135-98-8	sec-Butylbenzene	19.5		4.9	0.90
100-42-5	Styrene	17.8		4.9	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	4.9	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	4.9	0.41
127-18-4	Tetrachloroethene	21.7		4.9	0.79
108-88-3	Toluene	20.2		4.9	0.27
156-60-5	trans-1,2-Dichloroethene	19.7		4.9	0.32
10061-02-6	trans-1,3-Dichloropropene	17.1		4.9	0.29
79-01-6	Trichloroethene	20.3		4.9	0.38
75-69-4	Trichlorofluoromethane	21.2		4.9	0.29
108-05-4	Vinyl acetate	17.6		9.9	0.65
75-01-4	Vinyl chloride	16.9		4.9	0.30
1330-20-7	Xylenes, Total	38.9		9.9	0.53
98-06-6	tert-Butylbenzene	20.0		4.9	0.66

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 146366.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.91(g) | Date Analyzed: 11/11/2015 13:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	19.8		4.9	0.52

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		67-125
1868-53-7	Dibromofluoromethane (Surr)	97		37-132
460-00-4	4-Bromofluorobenzene (Surr)	88		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57564-B-1 MS

Matrix: Water | Lab File ID: UXC4417.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2570		250	110
79-34-5	1,1,2,2-Tetrachloroethane	2130		250	55
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1850		250	110
75-34-3	1,1-Dichloroethane	2270		250	75
75-35-4	1,1-Dichloroethene	2020		250	110
120-82-1	1,2,4-Trichlorobenzene	2090		250	80
96-12-8	1,2-Dibromo-3-Chloropropane	2310		500	210
95-50-1	1,2-Dichlorobenzene	2300		250	63
107-06-2	1,2-Dichloroethane	2580		250	58
78-87-5	1,2-Dichloropropane	2170		250	63
541-73-1	1,3-Dichlorobenzene	2250		250	48
106-46-7	1,4-Dichlorobenzene	2290		250	68
78-93-3	2-Butanone (MEK)	12400		2500	130
591-78-6	2-Hexanone	4460		2500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	5380		2500	250
67-64-1	Acetone	18700		2500	240
71-43-2	Benzene	2220		250	88
75-25-2	Bromoform	2500		250	140
74-83-9	Bromomethane	2390		250	110
75-15-0	Carbon disulfide	1870		250	95
56-23-5	Carbon tetrachloride	2620		250	110
108-90-7	Chlorobenzene	2390		250	63
124-48-1	Dibromochloromethane	2460		250	110
75-00-3	Chloroethane	2200		250	80
67-66-3	Chloroform	2560		250	63
74-87-3	Chloromethane	1980		250	110
156-59-2	cis-1,2-Dichloroethene	2370		250	65
10061-01-5	cis-1,3-Dichloropropene	2250		250	120
75-71-8	Dichlorodifluoromethane	1870		250	80
75-27-4	Bromodichloromethane	2650		250	73
100-41-4	Ethylbenzene	2440		250	63
98-82-8	Isopropylbenzene	2380		250	88
1634-04-4	Methyl tert-butyl ether	2520		250	50
75-09-2	Methylene Chloride	2350		250	83
179601-23-1	m-Xylene & p-Xylene	2540		500	60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57564-B-1 MS

Matrix: Water | Lab File ID: UXC4417.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	2500		250	63
100-42-5	Styrene	2320		250	110
127-18-4	Tetrachloroethene	2450		250	78
108-88-3	Toluene	2380		250	58
156-60-5	trans-1,2-Dichloroethene	2340		250	75
10061-02-6	trans-1,3-Dichloropropene	2330		250	140
79-01-6	Trichloroethene	2580		250	55
75-69-4	Trichlorofluoromethane	2020		250	120
75-01-4	Vinyl chloride	2040		250	73
1330-20-7	Xylenes, Total	5040		500	130
106-93-4	1,2-Dibromoethane	2430		250	80

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		79-120
460-00-4	4-Bromofluorobenzene (Surr)	103		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MSD | Lab Sample ID: 240-57597-5 MSD

Matrix: Solid | Lab File ID: 146342.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.12(g) | Date Analyzed: 11/10/2015 16:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	24.0		5.8	0.58
71-55-6	1,1,1-Trichloroethane	25.7		5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	28.0		5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.6		5.8	0.48
75-34-3	1,1-Dichloroethane	22.5		5.8	0.39
75-35-4	1,1-Dichloroethene	22.0		5.8	0.92
563-58-6	1,1-Dichloropropene	25.1		5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	17.9		5.8	0.58
96-18-4	1,2,3-Trichloropropane	28.9		5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	1.64	J	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	19.9		5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	25.2		5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	26.9		12	3.1
95-50-1	1,2-Dichlorobenzene	22.2		5.8	0.39
107-06-2	1,2-Dichloroethane	24.1		5.8	0.53
78-87-5	1,2-Dichloropropane	21.9		5.8	0.16
541-73-1	1,3-Dichlorobenzene	22.6		5.8	0.79
142-28-9	1,3-Dichloropropane	23.2		5.8	0.46
106-46-7	1,4-Dichlorobenzene	22.3		5.8	0.32
594-20-7	2,2-Dichloropropane	24.5		5.8	0.51
78-93-3	2-Butanone (MEK)	39.3		23	1.3
110-75-8	2-Chloroethyl vinyl ether	17.2	J	58	0.74
95-49-8	2-Chlorotoluene	25.6		5.8	0.35
591-78-6	2-Hexanone	52.6		23	0.78
106-43-4	4-Chlorotoluene	24.9		5.8	0.30
99-87-6	p-Isopropyltoluene	26.0		5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	140		23	1.4
67-64-1	Acetone	53.3		23	6.6
71-43-2	Benzene	23.0		5.8	1.0
108-86-1	Bromobenzene	26.9		5.8	0.38
75-25-2	Bromoform	19.9		5.8	0.28
74-83-9	Bromomethane	21.9		5.8	0.48
75-15-0	Carbon disulfide	17.6		5.8	0.68
56-23-5	Carbon tetrachloride	26.5		5.8	0.75
108-90-7	Chlorobenzene	23.7		5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MSD | Lab Sample ID: 240-57597-5 MSD

Matrix: Solid | Lab File ID: 146342.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.12(g) | Date Analyzed: 11/10/2015 16:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	21.2		5.8	0.43
75-00-3	Chloroethane	22.3		5.8	0.51
67-66-3	Chloroform	25.1		5.8	0.41
74-87-3	Chloromethane	17.1		5.8	0.91
156-59-2	cis-1,2-Dichloroethene	24.0		5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	21.0		5.8	0.82
74-95-3	Dibromomethane	24.2		5.8	0.48
74-97-5	Bromochloromethane	26.0		5.8	0.38
75-71-8	Dichlorodifluoromethane	18.5		5.8	0.32
75-27-4	Bromodichloromethane	22.9		5.8	0.33
75-65-0	tert-Butyl alcohol (TBA)	189	J	230	6.6
100-41-4	Ethylbenzene	24.4		5.8	0.37
87-68-3	Hexachlorobutadiene	22.3		5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	25.1		5.8	0.23
1634-04-4	Methyl tert-butyl ether	22.3		5.8	0.50
75-09-2	Methylene Chloride	20.2		5.8	0.85
179601-23-1	m-Xylene & p-Xylene	24.0		12	0.48
91-20-3	Naphthalene	21.0		5.8	0.40
104-51-8	n-Butylbenzene	25.0		5.8	0.68
103-65-1	N-Propylbenzene	25.5		5.8	0.69
95-47-6	o-Xylene	25.1		5.8	0.66
135-98-8	sec-Butylbenzene	25.1		5.8	1.0
100-42-5	Styrene	21.9		5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	24.7		5.8	0.92
108-88-3	Toluene	24.4		5.8	0.31
156-60-5	trans-1,2-Dichloroethene	24.7		5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	22.9		5.8	0.33
79-01-6	Trichloroethene	25.3		5.8	0.44
75-69-4	Trichlorofluoromethane	26.2		5.8	0.33
108-05-4	Vinyl acetate	17.8		12	0.76
75-01-4	Vinyl chloride	18.6		5.8	0.35
1330-20-7	Xylenes, Total	49.1		12	0.62
98-06-6	tert-Butylbenzene	26.7		5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 MSD | Lab Sample ID: 240-57597-5 MSD

Matrix: Solid | Lab File ID: 146342.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.12(g) | Date Analyzed: 11/10/2015 16:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	25.0		5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	96		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 146367.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.17(g) | Date Analyzed: 11/11/2015 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	22.0		5.7	0.57
71-55-6	1,1,1-Trichloroethane	23.8		5.7	0.74
79-34-5	1,1,2,2-Tetrachloroethane	21.3		5.7	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.5		5.7	0.47
75-34-3	1,1-Dichloroethane	20.4		5.7	0.38
75-35-4	1,1-Dichloroethene	20.3		5.7	0.90
563-58-6	1,1-Dichloropropene	22.2		5.7	0.42
87-61-6	1,2,3-Trichlorobenzene	19.9		5.7	0.57
96-18-4	1,2,3-Trichloropropane	20.5		5.7	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.7	0.52
120-82-1	1,2,4-Trichlorobenzene	20.8		5.7	0.43
95-63-6	1,2,4-Trimethylbenzene	20.8		5.7	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		11	3.1
95-50-1	1,2-Dichlorobenzene	19.9		5.7	0.38
107-06-2	1,2-Dichloroethane	21.1		5.7	0.52
78-87-5	1,2-Dichloropropane	19.2		5.7	0.16
541-73-1	1,3-Dichlorobenzene	19.0		5.7	0.78
142-28-9	1,3-Dichloropropane	20.2		5.7	0.45
106-46-7	1,4-Dichlorobenzene	19.1		5.7	0.32
594-20-7	2,2-Dichloropropane	24.1		5.7	0.50
78-93-3	2-Butanone (MEK)	31.6		23	1.3
110-75-8	2-Chloroethyl vinyl ether	14.8	J	57	0.72
95-49-8	2-Chlorotoluene	21.8		5.7	0.34
591-78-6	2-Hexanone	33.3		23	0.77
106-43-4	4-Chlorotoluene	20.1		5.7	0.29
99-87-6	p-Isopropyltoluene	21.4		5.7	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	33.2		23	1.4
67-64-1	Acetone	29.1		23	6.4
71-43-2	Benzene	20.6		5.7	1.0
108-86-1	Bromobenzene	22.2		5.7	0.37
75-25-2	Bromoform	17.5		5.7	0.27
74-83-9	Bromomethane	20.8		5.7	0.47
75-15-0	Carbon disulfide	15.4		5.7	0.67
56-23-5	Carbon tetrachloride	23.7		5.7	0.74
108-90-7	Chlorobenzene	20.8		5.7	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 146367.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.17(g) | Date Analyzed: 11/11/2015 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	19.4		5.7	0.42
75-00-3	Chloroethane	20.8		5.7	0.50
67-66-3	Chloroform	22.6		5.7	0.41
74-87-3	Chloromethane	17.2		5.7	0.89
156-59-2	cis-1,2-Dichloroethene	21.5		5.7	0.32
10061-01-5	cis-1,3-Dichloropropene	18.1		5.7	0.80
74-95-3	Dibromomethane	22.8		5.7	0.47
74-97-5	Bromochloromethane	22.2		5.7	0.37
75-71-8	Dichlorodifluoromethane	21.8		5.7	0.32
75-27-4	Bromodichloromethane	20.4		5.7	0.33
75-65-0	tert-Butyl alcohol (TBA)	158	J	230	6.5
100-41-4	Ethylbenzene	20.9		5.7	0.36
87-68-3	Hexachlorobutadiene	22.4		5.7	0.45
108-20-3	Diisopropyl ether	0.67	U	11	0.67
98-82-8	Isopropylbenzene	21.8		5.7	0.23
1634-04-4	Methyl tert-butyl ether	19.5		5.7	0.49
75-09-2	Methylene Chloride	19.2		5.7	0.84
179601-23-1	m-Xylene & p-Xylene	20.2		11	0.47
91-20-3	Naphthalene	18.8		5.7	0.40
104-51-8	n-Butylbenzene	20.7		5.7	0.67
103-65-1	N-Propylbenzene	20.7		5.7	0.68
95-47-6	o-Xylene	21.5		5.7	0.64
135-98-8	sec-Butylbenzene	20.6		5.7	1.0
100-42-5	Styrene	19.5		5.7	0.45
994-05-8	Tert-amyl methyl ether	0.49	U	5.7	0.49
637-92-3	Ethyl t-butyl ether	0.46	U	5.7	0.46
127-18-4	Tetrachloroethene	21.7		5.7	0.90
108-88-3	Toluene	21.7		5.7	0.31
156-60-5	trans-1,2-Dichloroethene	21.8		5.7	0.36
10061-02-6	trans-1,3-Dichloropropene	19.7		5.7	0.33
79-01-6	Trichloroethene	22.5		5.7	0.43
75-69-4	Trichlorofluoromethane	25.1		5.7	0.33
108-05-4	Vinyl acetate	17.9		11	0.75
75-01-4	Vinyl chloride	18.5		5.7	0.34
1330-20-7	Xylenes, Total	41.7		11	0.61
98-06-6	tert-Butylbenzene	21.5		5.7	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 146367.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.17(g) | Date Analyzed: 11/11/2015 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	21.9		5.7	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		67-125
1868-53-7	Dibromofluoromethane (Surr)	99		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57564-B-1 MSD

Matrix: Water | Lab File ID: UXC4418.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 20:27

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2630		250	110
79-34-5	1,1,2,2-Tetrachloroethane	2220		250	55
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2160		250	110
75-34-3	1,1-Dichloroethane	2310		250	75
75-35-4	1,1-Dichloroethene	2090		250	110
120-82-1	1,2,4-Trichlorobenzene	2190		250	80
96-12-8	1,2-Dibromo-3-Chloropropane	2510		500	210
95-50-1	1,2-Dichlorobenzene	2370		250	63
107-06-2	1,2-Dichloroethane	2590		250	58
78-87-5	1,2-Dichloropropane	2330		250	63
541-73-1	1,3-Dichlorobenzene	2270		250	48
106-46-7	1,4-Dichlorobenzene	2330		250	68
78-93-3	2-Butanone (MEK)	12800		2500	130
591-78-6	2-Hexanone	4330		2500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	5460		2500	250
67-64-1	Acetone	18900		2500	240
71-43-2	Benzene	2250		250	88
75-25-2	Bromoform	2490		250	140
74-83-9	Bromomethane	2400		250	110
75-15-0	Carbon disulfide	1920		250	95
56-23-5	Carbon tetrachloride	2790		250	110
108-90-7	Chlorobenzene	2400		250	63
124-48-1	Dibromochloromethane	2450		250	110
75-00-3	Chloroethane	2180		250	80
67-66-3	Chloroform	2580		250	63
74-87-3	Chloromethane	2060		250	110
156-59-2	cis-1,2-Dichloroethene	2420		250	65
10061-01-5	cis-1,3-Dichloropropene	2330		250	120
75-71-8	Dichlorodifluoromethane	2230		250	80
75-27-4	Bromodichloromethane	2760		250	73
100-41-4	Ethylbenzene	2370		250	63
98-82-8	Isopropylbenzene	2400		250	88
1634-04-4	Methyl tert-butyl ether	2570		250	50
75-09-2	Methylene Chloride	2330		250	83
179601-23-1	m-Xylene & p-Xylene	2510		500	60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57564-B-1 MSD

Matrix: Water | Lab File ID: UXC4418.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 20:27

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	2490		250	63
100-42-5	Styrene	2340		250	110
127-18-4	Tetrachloroethene	2490		250	78
108-88-3	Toluene	2430		250	58
156-60-5	trans-1,2-Dichloroethene	2400		250	75
10061-02-6	trans-1,3-Dichloropropene	2310		250	140
79-01-6	Trichloroethene	2730		250	55
75-69-4	Trichlorofluoromethane	2240		250	120
75-01-4	Vinyl chloride	2050		250	73
1330-20-7	Xylenes, Total	5000		500	130
106-93-4	1,2-Dibromoethane	2470		250	80

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		79-120
460-00-4	4-Bromofluorobenzene (Surr)	102		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-125

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX14 Start Date: 08/13/2015 13:54

Analysis Batch Number: 193150 End Date: 08/13/2015 23:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-193150/28		08/13/2015 13:54	1	BFB14045.D	DB-624 0.18(mm)
IC 240-193150/3		08/13/2015 14:36	1		DB-624 0.18(mm)
IC 240-193150/4		08/13/2015 14:58	1		DB-624 0.18(mm)
IC 240-193150/5		08/13/2015 15:20	1		DB-624 0.18(mm)
ICIS 240-193150/6		08/13/2015 15:41	1		DB-624 0.18(mm)
IC 240-193150/7		08/13/2015 16:03	1		DB-624 0.18(mm)
IC 240-193150/8		08/13/2015 16:24	1		DB-624 0.18(mm)
IC 240-193150/9		08/13/2015 16:45	1		DB-624 0.18(mm)
IC 240-193150/10		08/13/2015 17:07	1		DB-624 0.18(mm)
IC 240-193150/11		08/13/2015 17:28	1		DB-624 0.18(mm)
IC 240-193150/12		08/13/2015 17:50	1	144576.D	DB-624 0.18(mm)
IC 240-193150/13		08/13/2015 18:11	1	144577.D	DB-624 0.18(mm)
IC 240-193150/14		08/13/2015 18:33	1	144578.D	DB-624 0.18(mm)
IC 240-193150/15		08/13/2015 18:54	1	144579.D	DB-624 0.18(mm)
IC 240-193150/16		08/13/2015 19:16	1	144580.D	DB-624 0.18(mm)
IC 240-193150/17		08/13/2015 19:37	1	144581.D	DB-624 0.18(mm)
IC 240-193150/18		08/13/2015 19:59	1	144582.D	DB-624 0.18(mm)
IC 240-193150/19		08/13/2015 20:20	1	144583.D	DB-624 0.18(mm)
IC 240-193150/20		08/13/2015 20:42	1	144584.D	DB-624 0.18(mm)
ICV 240-193150/21		08/13/2015 21:03	1		DB-624 0.18(mm)
ICV 240-193150/22		08/13/2015 21:25	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 21:46	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:08	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:29	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:50	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 23:12	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX14 Start Date: 09/02/2015 13:49

Analysis Batch Number: 196026 End Date: 09/02/2015 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-196026/1		09/02/2015 13:49	1	BFB14070.D	DB-624 0.18(mm)
IC 240-196026/3		09/02/2015 14:32	1	144935.D	DB-624 0.18(mm)
IC 240-196026/4		09/02/2015 14:54	1	144936.D	DB-624 0.18(mm)
IC 240-196026/5		09/02/2015 15:15	1	144937.D	DB-624 0.18(mm)
ICIS 240-196026/6		09/02/2015 15:37	1	144938.D	DB-624 0.18(mm)
IC 240-196026/7		09/02/2015 15:58	1	144939.D	DB-624 0.18(mm)
IC 240-196026/8		09/02/2015 16:20	1	144940.D	DB-624 0.18(mm)
IC 240-196026/9		09/02/2015 16:41	1	144941.D	DB-624 0.18(mm)
IC 240-196026/10		09/02/2015 17:03	1	144942.D	DB-624 0.18(mm)
IC 240-196026/11		09/02/2015 17:24	1	144943.D	DB-624 0.18(mm)
CCV 240-196026/12		09/02/2015 17:46	1		DB-624 0.18(mm)
ICV 240-196026/13		09/02/2015 18:07	1	144945.D	DB-624 0.18(mm)
ZZZZZ		09/02/2015 18:29	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 18:50	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 19:12	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 19:33	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/10/2015 10:04

Analysis Batch Number: 206051 End Date: 11/10/2015 20:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-206051/1		11/10/2015 10:04	1	BFB14128.D	DB-624 0.18(mm)
CCVIS 240-206051/3		11/10/2015 10:47	1	146325.D	DB-624 0.18(mm)
CCV 240-206051/4		11/10/2015 11:08	1	146326.D	DB-624 0.18(mm)
LCS 240-206051/5		11/10/2015 11:30	1	146327.D	DB-624 0.18(mm)
ZZZZZ		11/10/2015 11:51	1		DB-624 0.18(mm)
ZZZZZ		11/10/2015 12:13	1		DB-624 0.18(mm)
MB 240-206089/1-A		11/10/2015 12:56	1	146331.D	DB-624 0.18(mm)
240-57597-1	F-VB-UST-1-14	11/10/2015 14:43	1	146336.D	DB-624 0.18(mm)
240-57597-2	F-VB-UST-2-14	11/10/2015 15:05	1	146337.D	DB-624 0.18(mm)
240-57597-3	F-VB-UST-3-14	11/10/2015 15:26	1	146338.D	DB-624 0.18(mm)
240-57597-4	F-VB-UST-4-14	11/10/2015 15:48	1	146339.D	DB-624 0.18(mm)
240-57597-5	F-VB-UST-5-14	11/10/2015 16:09	1	146340.D	DB-624 0.18(mm)
240-57597-5 MS	F-VB-UST-5-14 MS	11/10/2015 16:30	1	146341.D	DB-624 0.18(mm)
240-57597-5 MSD	F-VB-UST-5-14 MSD	11/10/2015 16:52	1	146342.D	DB-624 0.18(mm)
240-57597-6	F-VB-UST-6-14	11/10/2015 17:13	1	146343.D	DB-624 0.18(mm)
240-57597-7	F-VB-UST-7-14	11/10/2015 17:35	1	146344.D	DB-624 0.18(mm)
240-57597-8	F-VB-UST-8-14	11/10/2015 17:56	1	146345.D	DB-624 0.18(mm)
240-57597-9	F-VB-UST-9-14	11/10/2015 18:18	1	146346.D	DB-624 0.18(mm)
240-57597-10	F-VB-UST-10-14	11/10/2015 18:39	1	146347.D	DB-624 0.18(mm)
240-57597-11	F-VB-UST-11-14	11/10/2015 19:01	1	146348.D	DB-624 0.18(mm)
240-57597-12	F-VB-UST-12-14	11/10/2015 19:22	1	146349.D	DB-624 0.18(mm)
240-57597-13	F-VB-UST-13-14	11/10/2015 19:44	1	146350.D	DB-624 0.18(mm)
240-57597-14	F-VB-UST-14-14	11/10/2015 20:05	1	146351.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/11/2015 09:51

Analysis Batch Number: 206267 End Date: 11/11/2015 14:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-206267/1		11/11/2015 09:51	1	BFB14129.D	DB-624 0.18(mm)
CCVIS 240-206267/3		11/11/2015 10:39	1	146358.D	DB-624 0.18(mm)
CCV 240-206267/4		11/11/2015 11:00	1	146359.D	DB-624 0.18(mm)
LCS 240-206267/5		11/11/2015 11:22	1	146360.D	DB-624 0.18(mm)
MB 240-206267/6		11/11/2015 11:43	1	146361.D	DB-624 0.18(mm)
ZZZZZ		11/11/2015 12:05	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 12:26	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 12:48	1		DB-624 0.18(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 13:09	1	146365.D	DB-624 0.18(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 13:31	1	146366.D	DB-624 0.18(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 13:52	1	146367.D	DB-624 0.18(mm)
ZZZZZ		11/11/2015 14:14	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX15 Start Date: 10/28/2015 12:37

Analysis Batch Number: 204067 End Date: 10/28/2015 18:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-204067/1		10/28/2015 12:37	1	BFB460.D	DB-624 0.18(mm)
STD8260 240-204067/2 IC		10/28/2015 13:05	1	UXC3824A.D	DB-624 0.18(mm)
STD8260 240-204067/3 IC		10/28/2015 13:28	1	UXC3825A.D	DB-624 0.18(mm)
STD8260 240-204067/4 ICIS		10/28/2015 13:51	1	UXC3826A.D	DB-624 0.18(mm)
STD8260 240-204067/5 IC		10/28/2015 14:13	1	UXC3827A.D	DB-624 0.18(mm)
STD8260 240-204067/6 IC		10/28/2015 14:36	1	UXC3828A.D	DB-624 0.18(mm)
STD8260 240-204067/7 IC		10/28/2015 14:59	1	UXC3829A.D	DB-624 0.18(mm)
ICV 240-204067/14		10/28/2015 15:21	1	UXC3830.D	DB-624 0.18(mm)
STD 240-204067/8 IC		10/28/2015 15:44	1	UXC3831.D	DB-624 0.18(mm)
STD 240-204067/9 IC		10/28/2015 16:06	1	UXC3832.D	DB-624 0.18(mm)
STD 240-204067/10 IC		10/28/2015 16:29	1	UXC3833.D	DB-624 0.18(mm)
STD 240-204067/11 IC		10/28/2015 16:52	1	UXC3834.D	DB-624 0.18(mm)
STD 240-204067/12 IC		10/28/2015 17:14	1	UXC3835.D	DB-624 0.18(mm)
STD 240-204067/13 IC		10/28/2015 17:37	1	UXC3836.D	DB-624 0.18(mm)
ICV 240-204067/15		10/28/2015 18:00	1	UXC3837.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A3UX15 Start Date: 11/12/2015 10:14

Analysis Batch Number: 206461 End Date: 11/12/2015 20:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-206461/1		11/12/2015 10:14	1	BFB472.D	DB-624 0.18(mm)
CCVIS 240-206461/2		11/12/2015 10:41	1	UXC4392.D	DB-624 0.18(mm)
LCS 240-206461/4		11/12/2015 11:03	1	UXC4393.D	DB-624 0.18(mm)
CCV 240-206461/3		11/12/2015 11:26	1	UXC4394.D	DB-624 0.18(mm)
ZZZZZ		11/12/2015 11:48	1		DB-624 0.18(mm)
MB 240-206461/6		11/12/2015 12:11	1	UXC4396.D	DB-624 0.18(mm)
240-57597-16	TB-110515	11/12/2015 12:33	1	UXC4397.D	DB-624 0.18(mm)
ZZZZZ		11/12/2015 12:56	250		DB-624 0.18(mm)
ZZZZZ		11/12/2015 13:19	250		DB-624 0.18(mm)
ZZZZZ		11/12/2015 13:41	1		DB-624 0.18(mm)
ZZZZZ		11/12/2015 14:04	1		DB-624 0.18(mm)
240-57564-B-1 MS		11/12/2015 20:05	250	UXC4417.D	DB-624 0.18(mm)
240-57564-B-1 MSD		11/12/2015 20:27	250	UXC4418.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206089 Batch Start Date: 11/10/15 11:24 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206089/1		5030C, 8260C		5.0 g	5 mL				
240-57597-B-1	F-VB-UST-1-14	5030C, 8260C	T	5.89 g	5 mL				
240-57597-B-2	F-VB-UST-2-14	5030C, 8260C	T	5.36 g	5 mL				
240-57597-B-3	F-VB-UST-3-14	5030C, 8260C	T	5.23 g	5 mL				
240-57597-B-4	F-VB-UST-4-14	5030C, 8260C	T	5.43 g	5 mL				
240-57597-B-5	F-VB-UST-5-14	5030C, 8260C	T	5.09 g	5 mL				
240-57597-B-5 MS	F-VB-UST-5-14	5030C, 8260C	T	5.17 g	5 mL				
240-57597-B-5 MSD	F-VB-UST-5-14	5030C, 8260C	T	5.12 g	5 mL				
240-57597-B-6	F-VB-UST-6-14	5030C, 8260C	T	5.18 g	5 mL				
240-57597-B-7	F-VB-UST-7-14	5030C, 8260C	T	5.31 g	5 mL				
240-57597-B-8	F-VB-UST-8-14	5030C, 8260C	T	5.29 g	5 mL				
240-57597-B-9	F-VB-UST-9-14	5030C, 8260C	T	5.35 g	5 mL				
240-57597-B-10	F-VB-UST-10-14	5030C, 8260C	T	5.14 g	5 mL				
240-57597-B-11	F-VB-UST-11-14	5030C, 8260C	T	5.03 g	5 mL				
240-57597-B-12	F-VB-UST-12-14	5030C, 8260C	T	5.37 g	5 mL				
240-57597-B-13	F-VB-UST-13-14	5030C, 8260C	T	5.67 g	5 mL				
240-57597-B-14	F-VB-UST-14-14	5030C, 8260C	T	5.55 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206305 Batch Start Date: 11/11/15 11:03 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-57597-B-15	F-VB-UST-DUP	5030C, 8260C	T	5.55 g	5 mL				
240-57597-B-15 MS	F-VB-UST-DUP	5030C, 8260C	T	5.91 g	5 mL				
240-57597-B-15 MSD	F-VB-UST-DUP	5030C, 8260C	T	5.17 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270D

Semivolatile Organic Compounds (GC/MS) by Method 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
F-VB-UST-1-14	240-57597-1	64	65	62	67	44	76
F-VB-UST-2-14	240-57597-2	61	61	58	63	42	78
F-VB-UST-3-14	240-57597-3	61	60	58	63	41	73
F-VB-UST-4-14	240-57597-4	72	72	69	72	42	85
F-VB-UST-5-14	240-57597-5	68	67	64	69	25	77
F-VB-UST-6-14	240-57597-6	62	60	62	68	33	79
F-VB-UST-7-14	240-57597-7	67	64	62	70	38	80
F-VB-UST-8-14	240-57597-8	56	54	52	56	32	70
F-VB-UST-9-14	240-57597-9	71	68	68	73	45	87
F-VB-UST-10-14	240-57597-10	59	61	60	64	40	78
F-VB-UST-11-14	240-57597-11	78	80	80	73	40	88
F-VB-UST-12-14	240-57597-12	67	64	67	63	32	72
F-VB-UST-13-14	240-57597-13	65	57	65	59	33	77
F-VB-UST-14-14	240-57597-14	70	62	73	68	28	79
F-VB-UST-DUP	240-57597-15	71	60	74	68	24	81
	MB 240-205786/23-A	66	66	65	68	48	80
	MB 240-205866/8-A	81	88	78	76	49	87
	LCS 240-205786/24-A	79	79	79	81	44	93
	LCS 240-205866/9-A	72	75	76	64	33	76
F-VB-UST-DUP MS	240-57597-15 MS	69	62	78	71	30	80
F-VB-UST-DUP MSD	240-57597-15 MSD	61	53	65	60	36	77

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111005.D

Lab ID: LCS 240-205786/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	525	79	35-110	
bis (2-chloroisopropyl) ether	667	611	92	29-110	
2,4,5-Trichlorophenol	667	428	64	25-110	
2,4,6-Trichlorophenol	667	319	48	12-110	
2,4-Dichlorophenol	667	532	80	39-110	
2,4-Dimethylphenol	667	462	69	29-110	
2,4-Dinitrophenol	1330	481	36	10-110	
2,4-Dinitrotoluene	667	605	91	48-110	
2,6-Dinitrotoluene	667	563	84	45-110	
2-Chloronaphthalene	667	523	78	32-110	
2-Chlorophenol	667	528	79	37-110	
2-Methylnaphthalene	667	550	83	36-110	
2-Methylphenol	667	576	86	41-110	
2-Nitroaniline	667	596	89	45-110	
2-Nitrophenol	667	584	88	34-110	
3,3'-Dichlorobenzidine	1330	900	68	28-110	
3-Nitroaniline	667	497	75	44-110	
4,6-Dinitro-2-methylphenol	1330	716	54	10-110	
4-Bromophenyl phenyl ether	667	571	86	39-110	
4-Chloro-3-methylphenol	667	571	86	48-110	
4-Chloroaniline	667	395	59	30-110	
4-Chlorophenyl phenyl ether	667	549	82	40-110	
4-Nitroaniline	667	588	88	48-110	
4-Nitrophenol	1330	1060	80	28-110	
Acenaphthene	667	533	80	38-110	
Acenaphthylene	667	532	80	40-110	
Acetophenone	667	551	83	40-110	
Anthracene	667	545	82	48-110	
Atrazine	1330	1240	93	54-120	
Benzaldehyde	1330	1150	86	32-110	
Benzo[a]anthracene	667	553	83	50-110	
Benzo[a]pyrene	667	592	89	44-110	
Benzo[b]fluoranthene	667	592	89	43-110	
Benzo[g,h,i]perylene	667	573	86	51-110	
Benzo[k]fluoranthene	667	571	86	38-105	
Bis(2-chloroethoxy)methane	667	537	80	32-110	
Bis(2-chloroethyl)ether	667	533	80	34-110	
Bis(2-ethylhexyl) phthalate	667	662	99	50-110	
Butyl benzyl phthalate	667	604	91	51-110	
Caprolactam	1330	1110	83	44-114	
Carbazole	667	564	85	50-110	
Chrysene	667	550	83	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111005.D

Lab ID: LCS 240-205786/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	620	93	51-110	
Dibenzofuran	667	548	82	43-110	
Diethyl phthalate	667	618	93	52-110	
Dimethyl phthalate	667	572	86	50-110	
Di-n-butyl phthalate	667	583	88	51-110	
Di-n-octyl phthalate	667	628	94	48-110	
Fluoranthene	667	539	81	51-110	
Fluorene	667	550	83	46-110	
Hexachlorobenzene	667	553	83	43-110	
Hexachlorobutadiene	667	559	84	29-110	
Hexachlorocyclopentadiene	667	240 J	36	12-110	
Hexachloroethane	667	539	81	30-110	
Indeno[1,2,3-cd]pyrene	667	606	91	50-110	
Isophorone	667	547	82	36-110	
N-Nitrosodi-n-propylamine	667	563	84	38-110	
N-Nitrosodiphenylamine	1330	1180	89	46-110	
Naphthalene	667	537	81	36-110	
Nitrobenzene	667	550	83	32-110	
Pentachlorophenol	1330	584	44	10-110	
Phenanthrene	667	547	82	49-110	
Phenol	667	542	81	38-110	
Pyrene	667	574	86	49-110	
3 & 4 Methylphenol	667	526	79	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111007.D

Lab ID: LCS 240-205866/9-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	396	59	35-110	
bis (2-chloroisopropyl) ether	667	514	77	29-110	
2,4,5-Trichlorophenol	667	325	49	25-110	
2,4,6-Trichlorophenol	667	243	37	12-110	
2,4-Dichlorophenol	667	446	67	39-110	
2,4-Dimethylphenol	667	444	67	29-110	
2,4-Dinitrophenol	1330	464	35	10-110	
2,4-Dinitrotoluene	667	473	71	48-110	
2,6-Dinitrotoluene	667	462	69	45-110	
2-Chloronaphthalene	667	425	64	32-110	
2-Chlorophenol	667	439	66	37-110	
2-Methylnaphthalene	667	428	64	36-110	
2-Methylphenol	667	438	66	41-110	
2-Nitroaniline	667	548	82	45-110	
2-Nitrophenol	667	459	69	34-110	
3,3'-Dichlorobenzidine	1330	946	71	28-110	
3-Nitroaniline	667	446	67	44-110	
4,6-Dinitro-2-methylphenol	1330	724	54	10-110	
4-Bromophenyl phenyl ether	667	468	70	39-110	
4-Chloro-3-methylphenol	667	444	67	48-110	
4-Chloroaniline	667	366	55	30-110	
4-Chlorophenyl phenyl ether	667	412	62	40-110	
4-Nitroaniline	667	452	68	48-110	
4-Nitrophenol	1330	804	60	28-110	
Acenaphthene	667	386	58	38-110	
Acenaphthylene	667	400	60	40-110	
Acetophenone	667	424	64	40-110	
Anthracene	667	462	69	48-110	
Atrazine	1330	1140	86	54-120	
Benzaldehyde	1330	1090	82	32-110	
Benzo[a]anthracene	667	451	68	50-110	
Benzo[a]pyrene	667	491	74	44-110	
Benzo[b]fluoranthene	667	559	84	43-110	
Benzo[g,h,i]perylene	667	467	70	51-110	
Benzo[k]fluoranthene	667	429	64	38-105	
Bis(2-chloroethoxy)methane	667	489	73	32-110	
Bis(2-chloroethyl)ether	667	503	75	34-110	
Bis(2-ethylhexyl) phthalate	667	544	82	50-110	
Butyl benzyl phthalate	667	512	77	51-110	
Caprolactam	1330	1000	75	44-114	
Carbazole	667	536	80	50-110	
Chrysene	667	442	66	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111007.D

Lab ID: LCS 240-205866/9-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	513	77	51-110	
Dibenzofuran	667	406	61	43-110	
Diethyl phthalate	667	418	63	52-110	
Dimethyl phthalate	667	455	68	50-110	
Di-n-butyl phthalate	667	538	81	51-110	
Di-n-octyl phthalate	667	448	67	48-110	
Fluoranthene	667	500	75	51-110	
Fluorene	667	426	64	46-110	
Hexachlorobenzene	667	496	74	43-110	
Hexachlorobutadiene	667	392	59	29-110	
Hexachlorocyclopentadiene	667	244 J	37	12-110	
Hexachloroethane	667	423	63	30-110	
Indeno[1,2,3-cd]pyrene	667	505	76	50-110	
Isophorone	667	513	77	36-110	
N-Nitrosodi-n-propylamine	667	592	89	38-110	
N-Nitrosodiphenylamine	1330	987	74	46-110	
Naphthalene	667	387	58	36-110	
Nitrobenzene	667	506	76	32-110	
Pentachlorophenol	1330	573	43	10-110	
Phenanthrene	667	439	66	49-110	
Phenol	667	537	81	38-110	
Pyrene	667	481	72	49-110	
3 & 4 Methylphenol	667	432	65	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111024.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	778	4.1 U	511	66	32-110	
bis (2-chloroisopropyl) ether	778	11 U	646	83	11-110	
2,4,5-Trichlorophenol	778	29 U	290	37	10-117	
2,4,6-Trichlorophenol	778	10 U	318	41	10-110	
2,4-Dichlorophenol	778	23 U	444	57	10-110	
2,4-Dimethylphenol	778	23 U	275	35	10-110	
2,4-Dinitrophenol	1560	24 U	940	60	10-110	
2,4-Dinitrotoluene	778	20 U	616	79	32-110	
2,6-Dinitrotoluene	778	24 U	597	77	35-110	
2-Chloronaphthalene	778	0.52 U	546	70	28-110	
2-Chlorophenol	778	9.6 U	504	65	10-110	
2-Methylnaphthalene	778	0.58 U	528	68	10-133	
2-Methylphenol	778	13 U	391	50	24-110	
2-Nitroaniline	778	11 U	709	91	39-110	
2-Nitrophenol	778	9.7 U	593	76	10-110	
3,3'-Dichlorobenzidine	1560	21 U	1180	76	10-110	
3-Nitroaniline	778	19 U	533	68	10-110	
4,6-Dinitro-2-methylphenol	1560	11 U	1080	69	10-110	
4-Bromophenyl phenyl ether	778	15 U	592	76	33-110	
4-Chloro-3-methylphenol	778	24 U	231	30	25-110	
4-Chloroaniline	778	20 U	391	50	10-110	
4-Chlorophenyl phenyl ether	778	15 U	537	69	32-110	
4-Nitroaniline	778	30 U	570	73	10-110	
4-Nitrophenol	1560	20 U	383 J	25	10-113	
Acenaphthene	778	0.89 U	501	64	22-110	
Acenaphthylene	778	0.41 U	518	67	24-110	
Acetophenone	778	11 U	542	70	31-110	
Anthracene	778	0.91 U	585	75	20-110	
Atrazine	1560	11 U	1450	93	45-118	
Benzaldehyde	1560	14 U	1350	87	23-110	
Benzo[a]anthracene	778	0.73 U	556	71	10-122	
Benzo[a]pyrene	778	0.75 U	623	80	10-110	
Benzo[b]fluoranthene	778	0.69 U	673	87	12-118	
Benzo[g,h,i]perylene	778	0.41 U	598	77	10-117	
Benzo[k]fluoranthene	778	0.79 U	562	72	10-121	
Bis(2-chloroethoxy)methane	778	26 U	611	78	26-110	
Bis(2-chloroethyl)ether	778	2.3 U	607	78	21-110	
Bis(2-ethylhexyl) phthalate	778	22 J	679	87	40-110	
Butyl benzyl phthalate	778	12 U	649	83	44-110	
Caprolactam	1560	43 U	1260	81	10-134	
Carbazole	778	31 U	666	86	34-110	
Chrysene	778	1.3 U	544	70	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111024.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	778	0.77 U	637	82	14-113	
Dibenzofuran	778	0.77 U	536	69	29-110	
Diethyl phthalate	778	19 U	546	70	42-110	
Dimethyl phthalate	778	20 U	595	76	41-110	
Di-n-butyl phthalate	778	17 U	681	88	43-110	
Di-n-octyl phthalate	778	9.2 U	559	72	24-119	
Fluoranthene	778	0.64 U	621	80	10-110	
Fluorene	778	0.62 U	548	70	23-110	
Hexachlorobenzene	778	2.4 U	623	80	34-110	
Hexachlorobutadiene	778	6.5 U	472	61	25-110	
Hexachlorocyclopentadiene	778	9.4 U	219 J	28	10-110	
Hexachloroethane	778	10 U	526	68	12-110	
Indeno[1,2,3-cd]pyrene	778	0.41 U	622	80	10-114	
Isophorone	778	15 U	651	84	29-110	
N-Nitrosodi-n-propylamine	778	7.3 U	757	97	26-110	
N-Nitrosodiphenylamine	1560	24 U	1270	81	22-110	
Naphthalene	778	0.96 U	473	61	10-111	
Nitrobenzene	778	2.6 U	633	81	23-110	
Pentachlorophenol	1560	11 U	423	27	10-110	
Phenanthrene	778	0.85 U	557	72	10-166	
Phenol	778	8.5 U	395	51	17-110	
Pyrene	778	0.51 U	603	77	10-147	
3 & 4 Methylphenol	778	23 U	368 J	47	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111025.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	781	419	54	20	32	32-110	
bis (2-chloroisopropyl) ether	781	536	69	19	42	11-110	
2,4,5-Trichlorophenol	781	208	27	33	99	10-117	
2,4,6-Trichlorophenol	781	307	39	4	38	10-110	
2,4-Dichlorophenol	781	368	47	19	34	10-110	
2,4-Dimethylphenol	781	286	37	4	31	10-110	
2,4-Dinitrophenol	1560	819	52	14	99	10-110	
2,4-Dinitrotoluene	781	589	75	4	30	32-110	
2,6-Dinitrotoluene	781	546	70	9	30	35-110	
2-Chloronaphthalene	781	455	58	18	30	28-110	
2-Chlorophenol	781	422	54	18	47	10-110	
2-Methylnaphthalene	781	437	56	19	42	10-133	
2-Methylphenol	781	416	53	6	51	24-110	
2-Nitroaniline	781	646	83	9	31	39-110	
2-Nitrophenol	781	492	63	19	49	10-110	
3,3'-Dichlorobenzidine	1560	1210	77	2	56	10-110	
3-Nitroaniline	781	551	71	3	30	10-110	
4,6-Dinitro-2-methylphenol	1560	996	64	8	55	10-110	
4-Bromophenyl phenyl ether	781	532	68	11	30	33-110	
4-Chloro-3-methylphenol	781	272	35	16	54	25-110	
4-Chloroaniline	781	392	50	0	36	10-110	
4-Chlorophenyl phenyl ether	781	476	61	12	30	32-110	
4-Nitroaniline	781	541	69	5	48	10-110	
4-Nitrophenol	1560	446	29	15	49	10-113	
Acenaphthene	781	432	55	15	99	22-110	
Acenaphthylene	781	443	57	16	99	24-110	
Acetophenone	781	442	57	20	43	31-110	
Anthracene	781	523	67	11	99	20-110	
Atrazine	1560	1300	83	11	30	45-118	
Benzaldehyde	1560	1100	71	20	42	23-110	
Benzo[a]anthracene	781	536	69	4	99	10-122	
Benzo[a]pyrene	781	563	72	10	99	10-110	
Benzo[b]fluoranthene	781	638	82	5	99	12-118	
Benzo[g,h,i]perylene	781	545	70	9	99	10-117	
Benzo[k]fluoranthene	781	486	62	14	99	10-121	
Bis(2-chloroethoxy)methane	781	497	64	21	37	26-110	
Bis(2-chloroethyl)ether	781	528	68	14	55	21-110	
Bis(2-ethylhexyl) phthalate	781	661	85	3	30	40-110	
Butyl benzyl phthalate	781	614	79	5	30	44-110	
Caprolactam	1560	1170	75	8	32	10-134	
Carbazole	781	604	77	10	30	34-110	
Chrysene	781	521	67	4	99	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111025.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibenz(a,h)anthracene	781	596	76	7	99	14-113	
Dibenzofuran	781	463	59	15	30	29-110	
Diethyl phthalate	781	507	65	7	30	42-110	
Dimethyl phthalate	781	543	69	9	30	41-110	
Di-n-butyl phthalate	781	631	81	8	30	43-110	
Di-n-octyl phthalate	781	517	66	8	30	24-119	
Fluoranthene	781	577	74	7	99	10-110	
Fluorene	781	486	62	12	99	23-110	
Hexachlorobenzene	781	557	71	11	30	34-110	
Hexachlorobutadiene	781	395	51	18	34	25-110	
Hexachlorocyclopentadiene	781	186 J	24	16	79	10-110	
Hexachloroethane	781	411	53	25	50	12-110	
Indeno[1,2,3-cd]pyrene	781	578	74	7	99	10-114	
Isophorone	781	540	69	19	38	29-110	
N-Nitrosodi-n-propylamine	781	615	79	21	42	26-110	
N-Nitrosodiphenylamine	1560	1130	72	11	30	22-110	
Naphthalene	781	397	51	17	99	10-111	
Nitrobenzene	781	515	66	21	41	23-110	
Pentachlorophenol	1560	617	39	37	50	10-110	
Phenanthrene	781	510	65	9	99	10-166	
Phenol	781	418	53	6	53	17-110	
Pyrene	781	575	74	5	99	10-147	
3 & 4 Methylphenol	781	392 J	50	6	50	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111004.D Lab Sample ID: MB 240-205786/23-A

Matrix: Solid Date Extracted: 11/09/2015 06:12

Instrument ID: A4HP10 Date Analyzed: 11/11/2015 10:27

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-205786/24-A	51111005.D	11/11/2015 10:51
F-VB-UST-1-14	240-57597-1	51111006.D	11/11/2015 11:16
F-VB-UST-2-14	240-57597-2	51111007.D	11/11/2015 11:40
F-VB-UST-3-14	240-57597-3	51111008.D	11/11/2015 12:05
F-VB-UST-4-14	240-57597-4	51111009.D	11/11/2015 12:30
F-VB-UST-5-14	240-57597-5	51111010.D	11/11/2015 12:54
F-VB-UST-6-14	240-57597-6	51111011.D	11/11/2015 13:19
F-VB-UST-7-14	240-57597-7	51111012.D	11/11/2015 13:44
F-VB-UST-8-14	240-57597-8	51111013.D	11/11/2015 14:08
F-VB-UST-9-14	240-57597-9	51111014.D	11/11/2015 14:33
F-VB-UST-10-14	240-57597-10	51111015.D	11/11/2015 14:57

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111006.D Lab Sample ID: MB 240-205866/8-A

Matrix: Solid Date Extracted: 11/09/2015 12:23

Instrument ID: A4HP9 Date Analyzed: 11/11/2015 09:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-205866/9-A	51111007.D	11/11/2015 10:19
F-VB-UST-11-14	240-57597-11	51111019.D	11/11/2015 14:50
F-VB-UST-12-14	240-57597-12	51111020.D	11/11/2015 15:14
F-VB-UST-13-14	240-57597-13	51111021.D	11/11/2015 15:39
F-VB-UST-14-14	240-57597-14	51111022.D	11/11/2015 16:03
F-VB-UST-DUP	240-57597-15	51111023.D	11/11/2015 16:28
F-VB-UST-DUP MS	240-57597-15 MS	51111024.D	11/11/2015 16:52
F-VB-UST-DUP MSD	240-57597-15 MSD	51111025.D	11/11/2015 17:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51002001.D DFTPP Injection Date: 10/02/2015

Instrument ID: A4HP10 DFTPP Injection Time: 10:22

Analysis Batch No.: 200091

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	35.2	
70	Less than 2.0% of mass 69	0.2	(0.7)1
127	25.0 - 75.0% of mass 198	49.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	25.4	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	16.6	
442	40.0 - 110.0% of mass 198	102.9	
443	15.0 - 24.0% of mass 442	20.5	(20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-200091/2	51002002.D	10/02/2015	10:48
	STD4 240-200091/3	51002003.D	10/02/2015	11:12
	STD3 240-200091/4	51002004.D	10/02/2015	11:37
	STD2 240-200091/5	51002005.D	10/02/2015	12:01
	STD1 240-200091/6	51002006.D	10/02/2015	12:25
	STD9 240-200091/7	51002007.D	10/02/2015	12:50
	STD8 240-200091/8	51002008.D	10/02/2015	13:15
	STD7 240-200091/9	51002009.D	10/02/2015	13:39
	STD6 240-200091/10	51002010.D	10/02/2015	14:04
	ICV 240-200091/11	51002011.D	10/02/2015	14:28

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111001.D DFTPP Injection Date: 11/11/2015

Instrument ID: A4HP10 DFTPP Injection Time: 09:12

Analysis Batch No.: 206256

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	40.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	34.5	
70	Less than 2.0% of mass 69	0.2	(0.5)1
127	25.0 - 75.0% of mass 198	50.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	25.4	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	8.7	
442	40.0 - 110.0% of mass 198	95.2	
443	15.0 - 24.0% of mass 442	18.5	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-206256/2	51111002.D	11/11/2015	09:34
	MB 240-205786/23-A	51111004.D	11/11/2015	10:27
	LCS 240-205786/24-A	51111005.D	11/11/2015	10:51
F-VB-UST-1-14	240-57597-1	51111006.D	11/11/2015	11:16
F-VB-UST-2-14	240-57597-2	51111007.D	11/11/2015	11:40
F-VB-UST-3-14	240-57597-3	51111008.D	11/11/2015	12:05
F-VB-UST-4-14	240-57597-4	51111009.D	11/11/2015	12:30
F-VB-UST-5-14	240-57597-5	51111010.D	11/11/2015	12:54
F-VB-UST-6-14	240-57597-6	51111011.D	11/11/2015	13:19
F-VB-UST-7-14	240-57597-7	51111012.D	11/11/2015	13:44
F-VB-UST-8-14	240-57597-8	51111013.D	11/11/2015	14:08
F-VB-UST-9-14	240-57597-9	51111014.D	11/11/2015	14:33
F-VB-UST-10-14	240-57597-10	51111015.D	11/11/2015	14:57

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51030001.D DFTPP Injection Date: 10/30/2015

Instrument ID: A4HP9 DFTPP Injection Time: 12:57

Analysis Batch No.: 204569

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	46.3	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	51.4	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	59.4	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.3	
275	10.0- 30.0% of mass 198	21.2	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	0.3	
442	40.0 - 110.0% of mass 198	85.4	
443	15.0 - 24.0% of mass 442	16.8	(19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-204569/2	51030002.D	10/30/2015	13:19
	STD4 240-204569/3	51030003.D	10/30/2015	13:44
	STD3 240-204569/4	51030004.D	10/30/2015	14:10
	STD2 240-204569/5	51030005.D	10/30/2015	14:35
	STD1 240-204569/6	51030006.D	10/30/2015	15:01
	STD9 240-204569/7	51030007.D	10/30/2015	15:27
	STD8 240-204569/8	51030008.D	10/30/2015	15:52
	STD7 240-204569/9	51030009.D	10/30/2015	16:17
	STD6 240-204569/10	51030010.D	10/30/2015	16:42
	ICV 240-204569/11	51030011.D	10/30/2015	17:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111001.D DFTPP Injection Date: 11/11/2015

Instrument ID: A4HP9 DFTPP Injection Time: 07:27

Analysis Batch No.: 206233

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	50.3	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	58.1	
70	Less than 2.0% of mass 69	0.3	(0.5)1
127	25.0 - 75.0% of mass 198	54.3	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	10.7	
442	40.0 - 110.0% of mass 198	61.4	
443	15.0 - 24.0% of mass 442	11.9	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-206233/2	51111002.D	11/11/2015	07:49
	MB 240-205866/8-A	51111006.D	11/11/2015	09:54
	LCS 240-205866/9-A	51111007.D	11/11/2015	10:19
F-VB-UST-11-14	240-57597-11	51111019.D	11/11/2015	14:50
F-VB-UST-12-14	240-57597-12	51111020.D	11/11/2015	15:14
F-VB-UST-13-14	240-57597-13	51111021.D	11/11/2015	15:39
F-VB-UST-14-14	240-57597-14	51111022.D	11/11/2015	16:03
F-VB-UST-DUP	240-57597-15	51111023.D	11/11/2015	16:28
F-VB-UST-DUP MS	240-57597-15 MS	51111024.D	11/11/2015	16:52
F-VB-UST-DUP MSD	240-57597-15 MSD	51111025.D	11/11/2015	17:17

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-200091/10 Date Analyzed: 10/02/2015 14:04

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51002010.D Heated Purge: (Y/N) N

Calibration ID: 30980

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		221463	6.23	906472	7.34	529260	8.85
UPPER LIMIT		442926	6.73	1812944	7.84	1058520	9.35
LOWER LIMIT		110732	5.73	453236	6.84	264630	8.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-200091/11		242280	6.23	1000939	7.34	580042	8.85
CCV 240-206256/2 CCVIS		183138	6.15	734641	7.27	425153	8.77

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-200091/10 Date Analyzed: 10/02/2015 14:04

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51002010.D Heated Purge: (Y/N) N

Calibration ID: 30980

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		840219	10.12	1037091	12.82	955028	15.02
UPPER LIMIT		1680438	10.62	2074182	13.32	1910056	15.52
LOWER LIMIT		420110	9.62	518546	12.32	477514	14.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-200091/11		929663	10.12	1154414	12.82	1074213	15.02
CCV 240-206256/2 CCVIS		678359	10.04	794127	12.71	678609	14.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206256/2 Date Analyzed: 11/11/2015 09:34

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31049

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		183138	6.15	734641	7.27	425153	8.77
UPPER LIMIT		366276	6.65	1469282	7.77	850306	9.27
LOWER LIMIT		91569	5.65	367321	6.77	212577	8.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205786/23-A		169364	6.16	695817	7.27	416939	8.77
LCS 240-205786/24-A		167619	6.16	683191	7.27	403392	8.77
240-57597-1	F-VB-UST-1-14	170794	6.16	710718	7.27	416040	8.77
240-57597-2	F-VB-UST-2-14	172301	6.16	704300	7.27	408420	8.77
240-57597-3	F-VB-UST-3-14	168152	6.16	687534	7.27	389818	8.77
240-57597-4	F-VB-UST-4-14	159703	6.16	681534	7.27	397658	8.77
240-57597-5	F-VB-UST-5-14	169966	6.16	709398	7.27	411661	8.77
240-57597-6	F-VB-UST-6-14	173464	6.16	694821	7.27	402882	8.77
240-57597-7	F-VB-UST-7-14	166312	6.16	698152	7.27	395626	8.77
240-57597-8	F-VB-UST-8-14	170392	6.16	690624	7.27	399583	8.77
240-57597-9	F-VB-UST-9-14	167764	6.16	674344	7.27	396455	8.77
240-57597-10	F-VB-UST-10-14	165361	6.16	676786	7.27	404905	8.77

DCB = 1,4-Dichlorobenzene-d4
DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
NPT = Naphthalene-d8
Area Limit = 50%-200% of internal standard area
ANT = Acenaphthene-d10
RT Limit = ± 0.5 minutes of internal standard RT
ANT = Acenaphthene-d10

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206256/2 Date Analyzed: 11/11/2015 09:34

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31049

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		678359	10.04	794127	12.71	678609	14.89
UPPER LIMIT		1356718	10.54	1588254	13.21	1357218	15.39
LOWER LIMIT		339180	9.54	397064	12.21	339305	14.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205786/23-A		633596	10.04	730132	12.70	644324	14.88
LCS 240-205786/24-A		651601	10.04	738522	12.70	635222	14.89
240-57597-1	F-VB-UST-1-14	661549	10.04	736014	12.70	508559	14.88
240-57597-2	F-VB-UST-2-14	651468	10.04	719477	12.70	573126	14.88
240-57597-3	F-VB-UST-3-14	616636	10.04	695392	12.70	523351	14.88
240-57597-4	F-VB-UST-4-14	624736	10.04	703819	12.70	478985	14.88
240-57597-5	F-VB-UST-5-14	639217	10.04	741747	12.70	497306	14.88
240-57597-6	F-VB-UST-6-14	640684	10.04	728874	12.70	488005	14.88
240-57597-7	F-VB-UST-7-14	639827	10.04	723063	12.70	509629	14.88
240-57597-8	F-VB-UST-8-14	631926	10.04	719274	12.70	575492	14.88
240-57597-9	F-VB-UST-9-14	624386	10.04	704835	12.70	495093	14.88
240-57597-10	F-VB-UST-10-14	640666	10.04	718652	12.70	538508	14.88

PHN = Phenanthrene-d10
PHN = Phenanthrene-d10
CRY = Chrysene-d12
CRY = Chrysene-d12
PRY = Perylene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-204569/10 Date Analyzed: 10/30/2015 16:42

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51030010.D Heated Purge: (Y/N) N

Calibration ID: 31170

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		251143	6.42	1074814	7.54	555801	9.04
UPPER LIMIT		502286	6.92	2149628	8.04	1111602	9.54
LOWER LIMIT		125572	5.92	537407	7.04	277901	8.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204569/11		291290	6.42	1233894	7.54	643573	9.04
CCV 240-206233/2 CCVIS		263455	6.30	1198567	7.42	612244	8.92

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-204569/10 Date Analyzed: 10/30/2015 16:42

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51030010.D Heated Purge: (Y/N) N

Calibration ID: 31170

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		848550	10.31	938909	12.62	798084	14.43
UPPER LIMIT		1697100	10.81	1877818	13.12	1596168	14.93
LOWER LIMIT		424275	9.81	469455	12.12	399042	13.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204569/11		1041455	10.31	1160345	12.61	991819	14.43
CCV 240-206233/2 CCVIS		908264	10.19	962378	12.46	831716	14.18

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206233/2 Date Analyzed: 11/11/2015 07:49

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31170

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		263455	6.30	1198567	7.42	612244	8.92
UPPER LIMIT		526910	6.80	2397134	7.92	1224488	9.42
LOWER LIMIT		131728	5.80	599284	6.92	306122	8.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205866/8-A		217654	6.30	987205	7.42	480730	8.92
LCS 240-205866/9-A		227686	6.30	1006110	7.42	522813	8.92
240-57597-11	F-VB-UST-11-14	214487	6.29	930769	7.42	469347	8.92
240-57597-12	F-VB-UST-12-14	207603	6.30	930370	7.42	469544	8.92
240-57597-13	F-VB-UST-13-14	229993	6.30	1005170	7.42	509477	8.92
240-57597-14	F-VB-UST-14-14	236787	6.30	998849	7.42	507858	8.92
240-57597-15	F-VB-UST-DUP	220994	6.30	932862	7.42	478231	8.92
240-57597-15 MS	F-VB-UST-DUP MS	216080	6.30	960244	7.42	481718	8.92
240-57597-15 MSD	F-VB-UST-DUP MSD	234420	6.30	1033463	7.42	522594	8.92

DCB = 1,4-Dichlorobenzene-d4
DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
NPT = Naphthalene-d8
Area Limit = 50%-200% of internal standard area
ANT = Acenaphthene-d10
RT Limit = ± 0.5 minutes of internal standard RT
ANT = Acenaphthene-d10

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206233/2 Date Analyzed: 11/11/2015 07:49

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31170

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		908264	10.19	962378	12.46	831716	14.18
UPPER LIMIT		1816528	10.69	1924756	12.96	1663432	14.68
LOWER LIMIT		454132	9.69	481189	11.96	415858	13.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205866/8-A		733495	10.18	742087	12.46	654968	14.18
LCS 240-205866/9-A		774857	10.19	814640	12.46	725274	14.18
240-57597-11	F-VB-UST-11-14	720283	10.19	731765	12.46	528934	14.18
240-57597-12	F-VB-UST-12-14	701609	10.19	717786	12.46	585455	14.18
240-57597-13	F-VB-UST-13-14	754672	10.19	785246	12.46	684137	14.18
240-57597-14	F-VB-UST-14-14	760631	10.19	787874	12.46	628812	14.18
240-57597-15	F-VB-UST-DUP	704693	10.18	734178	12.46	582028	14.17
240-57597-15 MS	F-VB-UST-DUP MS	739261	10.19	786491	12.46	699060	14.18
240-57597-15 MSD	F-VB-UST-DUP MSD	822314	10.19	841298	12.46	788802	14.18

PHN = Phenanthrene-d10
PHN = Phenanthrene-d10
CRY = Chrysene-d12
CRY = Chrysene-d12
PRY = Perylene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.99(g) | Date Analyzed: 11/11/2015 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	59	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.7	U	59	9.7
91-57-6	2-Methylnaphthalene	0.59	U	7.9	0.59
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	59	9.9
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.90	U	7.9	0.90
208-96-8	Acenaphthylene	0.42	U	7.9	0.42
98-86-2	Acetophenone	16	J	120	11
120-12-7	Anthracene	0.93	U	7.9	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.75	U	7.9	0.75
50-32-8	Benzo[a]pyrene	0.76	U	7.9	0.76
205-99-2	Benzo[b]fluoranthene	0.70	U	7.9	0.70
191-24-2	Benzo[g,h,i]perylene	0.42	U	7.9	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.99(g) | Date Analyzed: 11/11/2015 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.81	U	7.9	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	31	J	83	23
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	1.3	U	7.9	1.3
53-70-3	Dibenz(a,h)anthracene	0.78	U	7.9	0.78
132-64-9	Dibenzofuran	0.78	U	59	0.78
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	0.65	U	7.9	0.65
86-73-7	Fluorene	0.63	U	7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.6	U	390	9.6
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	7.9	0.42
78-59-1	Isophorone	15	U	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	59	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	0.97	U	7.9	0.97
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.87	U	7.9	0.87
108-95-2	Phenol	8.7	U	59	8.7
129-00-0	Pyrene	0.52	U	7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.99(g) | Date Analyzed: 11/11/2015 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	76		36-110
4165-62-2	Phenol-d5 (Surr)	65		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	62		20-110
367-12-4	2-Fluorophenol (Surr)	64		24-110
321-60-8	2-Fluorobiphenyl (Surr)	67		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	44		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:02

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.16(g) | Date Analyzed: 11/11/2015 11:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	23	U	180	23
105-67-9	2,4-Dimethylphenol	23	U	180	23
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	25	U	230	25
91-58-7	2-Chloronaphthalene	0.53	U	58	0.53
95-57-8	2-Chlorophenol	9.6	U	58	9.6
91-57-6	2-Methylnaphthalene	0.58	U	7.8	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	58	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.91	U	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.74	U	7.8	0.74
50-32-8	Benzo[a]pyrene	0.75	U	7.8	0.75
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:02

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.16(g) | Date Analyzed: 11/11/2015 11:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.80	U	7.8	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	22	U	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	390	43
86-74-8	Carbazole	32	U	58	32
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	58	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	18	U	82	18
117-84-0	Di-n-octyl phthalate	9.2	U	82	9.2
206-44-0	Fluoranthene	0.64	U	7.8	0.64
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.8	2.5
87-68-3	Hexachlorobutadiene	6.6	U	58	6.6
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	58	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	58	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	58	25
91-20-3	Naphthalene	0.96	U	7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.85	U	7.8	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	0.51	U	7.8	0.51
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:02

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.16(g) | Date Analyzed: 11/11/2015 11:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	78		36-110
4165-62-2	Phenol-d5 (Surr)	61		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	58		20-110
367-12-4	2-Fluorophenol (Surr)	61		24-110
321-60-8	2-Fluorobiphenyl (Surr)	63		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	42		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 51111008.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:04

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.03(g) | Date Analyzed: 11/11/2015 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.3	U	61	4.3
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	26	U	400	26
121-14-2	2,4-Dinitrotoluene	21	U	240	21
606-20-2	2,6-Dinitrotoluene	26	U	240	26
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	10	U	61	10
91-57-6	2-Methylnaphthalene	0.61	U	8.1	0.61
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	26	U	180	26
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	32	U	240	32
100-02-7	4-Nitrophenol	21	U	400	21
83-32-9	Acenaphthene	0.92	U	8.1	0.92
208-96-8	Acenaphthylene	0.43	U	8.1	0.43
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.95	U	8.1	0.95
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.77	U	8.1	0.77
50-32-8	Benzo[a]pyrene	0.78	U	8.1	0.78
205-99-2	Benzo[b]fluoranthene	0.72	U	8.1	0.72
191-24-2	Benzo[g,h,i]perylene	0.43	U	8.1	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 51111008.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:04

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.03(g) | Date Analyzed: 11/11/2015 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.83	U	8.1	0.83
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	23	U	85	23
85-68-7	Butyl benzyl phthalate	12	U	85	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.1	1.3
53-70-3	Dibenz(a,h)anthracene	0.80	U	8.1	0.80
132-64-9	Dibenzofuran	0.80	U	61	0.80
84-66-2	Diethyl phthalate	19	U	85	19
131-11-3	Dimethyl phthalate	21	U	85	21
84-74-2	Di-n-butyl phthalate	18	U	85	18
117-84-0	Di-n-octyl phthalate	9.6	U	85	9.6
206-44-0	Fluoranthene	0.67	U	8.1	0.67
86-73-7	Fluorene	0.64	U	8.1	0.64
118-74-1	Hexachlorobenzene	2.6	U	8.1	2.6
87-68-3	Hexachlorobutadiene	6.8	U	61	6.8
77-47-4	Hexachlorocyclopentadiene	9.8	U	400	9.8
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.43	U	8.1	0.43
78-59-1	Isophorone	16	U	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.7	U	61	7.7
86-30-6	N-Nitrosodiphenylamine	26	U	61	26
91-20-3	Naphthalene	1.0	U	8.1	1.0
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.89	U	8.1	0.89
108-95-2	Phenol	8.9	U	61	8.9
129-00-0	Pyrene	0.53	U	8.1	0.53
15831-10-4	3 & 4 Methylphenol	24	U	490	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 51111008.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:04

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.03(g) | Date Analyzed: 11/11/2015 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	73		36-110
4165-62-2	Phenol-d5 (Surr)	60		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	58		20-110
367-12-4	2-Fluorophenol (Surr)	61		24-110
321-60-8	2-Fluorobiphenyl (Surr)	63		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	41		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 51111009.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:06

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	0.60	U	7.9	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	60	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	60	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.91	U	7.9	0.91
208-96-8	Acenaphthylene	0.42	U	7.9	0.42
98-86-2	Acetophenone	13	J	120	11
120-12-7	Anthracene	0.93	U	7.9	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.75	U	7.9	0.75
50-32-8	Benzo[a]pyrene	0.76	U	7.9	0.76
205-99-2	Benzo[b]fluoranthene	0.70	U	7.9	0.70
191-24-2	Benzo[g,h,i]perylene	0.42	U	7.9	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 51111009.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:06

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.81	U	7.9	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	33	J	83	23
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	1.3	U	7.9	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	7.9	0.79
132-64-9	Dibenzofuran	0.79	U	60	0.79
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	0.66	U	7.9	0.66
86-73-7	Fluorene	0.63	U	7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	390	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	7.9	0.42
78-59-1	Isophorone	15	U	60	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	0.98	U	7.9	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.87	U	7.9	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	0.52	U	7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 51111009.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:06

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	85		36-110
4165-62-2	Phenol-d5 (Surr)	72		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	69		20-110
367-12-4	2-Fluorophenol (Surr)	72		24-110
321-60-8	2-Fluorobiphenyl (Surr)	72		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	42		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 51111010.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:08

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.28(g) | Date Analyzed: 11/11/2015 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	23	U	180	23
105-67-9	2,4-Dimethylphenol	23	U	180	23
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	25	U	230	25
91-58-7	2-Chloronaphthalene	0.53	U	58	0.53
95-57-8	2-Chlorophenol	9.6	U	58	9.6
91-57-6	2-Methylnaphthalene	0.58	U	7.8	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	58	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.91	U	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.74	U	7.8	0.74
50-32-8	Benzo[a]pyrene	0.75	U	7.8	0.75
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 51111010.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:08

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.28(g) | Date Analyzed: 11/11/2015 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.79	U	7.8	0.79
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	38	J	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	390	43
86-74-8	Carbazole	32	U	58	32
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	58	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	18	U	82	18
117-84-0	Di-n-octyl phthalate	9.2	U	82	9.2
206-44-0	Fluoranthene	0.64	U	7.8	0.64
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.8	2.5
87-68-3	Hexachlorobutadiene	6.5	U	58	6.5
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	58	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	58	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	58	25
91-20-3	Naphthalene	0.96	U	7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.85	U	7.8	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	0.51	U	7.8	0.51
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 51111010.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:08

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.28(g) | Date Analyzed: 11/11/2015 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	77		36-110
4165-62-2	Phenol-d5 (Surr)	67		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	64		20-110
367-12-4	2-Fluorophenol (Surr)	68		24-110
321-60-8	2-Fluorobiphenyl (Surr)	69		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	25		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 51111011.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:10

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.15(g) | Date Analyzed: 11/11/2015 13:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	0.60	U	8.0	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	60	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	60	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.91	U	8.0	0.91
208-96-8	Acenaphthylene	0.42	U	8.0	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.93	U	8.0	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.75	U	8.0	0.75
50-32-8	Benzo[a]pyrene	0.76	U	8.0	0.76
205-99-2	Benzo[b]fluoranthene	0.70	U	8.0	0.70
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.0	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 51111011.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:10

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.15(g) | Date Analyzed: 11/11/2015 13:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.81	U	8.0	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	32	J	83	23
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	1.3	U	8.0	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	8.0	0.79
132-64-9	Dibenzofuran	0.79	U	60	0.79
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	0.66	U	8.0	0.66
86-73-7	Fluorene	0.63	U	8.0	0.63
118-74-1	Hexachlorobenzene	2.5	U	8.0	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	390	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.0	0.42
78-59-1	Isophorone	15	U	60	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	0.98	U	8.0	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.87	U	8.0	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	0.52	U	8.0	0.52
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 51111011.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:10

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.15(g) | Date Analyzed: 11/11/2015 13:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	79		36-110
4165-62-2	Phenol-d5 (Surr)	60		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	62		20-110
367-12-4	2-Fluorophenol (Surr)	62		24-110
321-60-8	2-Fluorobiphenyl (Surr)	68		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	33		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 51111012.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:12

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.53(g) | Date Analyzed: 11/11/2015 13:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	61	4.2
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	400	25
121-14-2	2,4-Dinitrotoluene	21	U	240	21
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	9.9	U	61	9.9
91-57-6	2-Methylnaphthalene	0.61	U	8.1	0.61
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	32	U	240	32
100-02-7	4-Nitrophenol	21	U	400	21
83-32-9	Acenaphthene	0.92	U	8.1	0.92
208-96-8	Acenaphthylene	0.42	U	8.1	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.95	U	8.1	0.95
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.76	U	8.1	0.76
50-32-8	Benzo[a]pyrene	0.78	U	8.1	0.78
205-99-2	Benzo[b]fluoranthene	0.72	U	8.1	0.72
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.1	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 51111012.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:12

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.53(g) | Date Analyzed: 11/11/2015 13:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.82	U	8.1	0.82
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	32	J	85	23
85-68-7	Butyl benzyl phthalate	12	U	85	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.1	1.3
53-70-3	Dibenz(a,h)anthracene	0.80	U	8.1	0.80
132-64-9	Dibenzofuran	0.80	U	61	0.80
84-66-2	Diethyl phthalate	19	U	85	19
131-11-3	Dimethyl phthalate	21	U	85	21
84-74-2	Di-n-butyl phthalate	18	U	85	18
117-84-0	Di-n-octyl phthalate	9.6	U	85	9.6
206-44-0	Fluoranthene	0.67	U	8.1	0.67
86-73-7	Fluorene	0.64	U	8.1	0.64
118-74-1	Hexachlorobenzene	2.5	U	8.1	2.5
87-68-3	Hexachlorobutadiene	6.8	U	61	6.8
77-47-4	Hexachlorocyclopentadiene	9.8	U	400	9.8
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.1	0.42
78-59-1	Isophorone	16	U	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	61	7.6
86-30-6	N-Nitrosodiphenylamine	25	U	61	25
91-20-3	Naphthalene	0.99	U	8.1	0.99
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.89	U	8.1	0.89
108-95-2	Phenol	8.9	U	61	8.9
129-00-0	Pyrene	0.53	U	8.1	0.53
15831-10-4	3 & 4 Methylphenol	24	U	490	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 51111012.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:12

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.53(g) | Date Analyzed: 11/11/2015 13:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	80		36-110
4165-62-2	Phenol-d5 (Surr)	64		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	62		20-110
367-12-4	2-Fluorophenol (Surr)	67		24-110
321-60-8	2-Fluorobiphenyl (Surr)	70		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	38		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 51111013.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:14

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.20(g) | Date Analyzed: 11/11/2015 14:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	61	4.2
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	400	25
121-14-2	2,4-Dinitrotoluene	21	U	240	21
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	9.9	U	61	9.9
91-57-6	2-Methylnaphthalene	0.61	U	8.1	0.61
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	21	U	400	21
83-32-9	Acenaphthene	0.92	U	8.1	0.92
208-96-8	Acenaphthylene	0.42	U	8.1	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.94	U	8.1	0.94
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.76	U	8.1	0.76
50-32-8	Benzo[a]pyrene	0.78	U	8.1	0.78
205-99-2	Benzo[b]fluoranthene	0.71	U	8.1	0.71
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.1	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 51111013.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:14

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.20(g) | Date Analyzed: 11/11/2015 14:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.82	U	8.1	0.82
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	23	U	85	23
85-68-7	Butyl benzyl phthalate	12	U	85	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.1	1.3
53-70-3	Dibenz(a,h)anthracene	0.80	U	8.1	0.80
132-64-9	Dibenzofuran	0.80	U	61	0.80
84-66-2	Diethyl phthalate	19	U	85	19
131-11-3	Dimethyl phthalate	21	U	85	21
84-74-2	Di-n-butyl phthalate	18	U	85	18
117-84-0	Di-n-octyl phthalate	9.6	U	85	9.6
206-44-0	Fluoranthene	0.67	U	8.1	0.67
86-73-7	Fluorene	0.64	U	8.1	0.64
118-74-1	Hexachlorobenzene	2.5	U	8.1	2.5
87-68-3	Hexachlorobutadiene	6.8	U	61	6.8
77-47-4	Hexachlorocyclopentadiene	9.8	U	400	9.8
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.1	0.42
78-59-1	Isophorone	16	U	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	61	7.6
86-30-6	N-Nitrosodiphenylamine	25	U	61	25
91-20-3	Naphthalene	0.99	U	8.1	0.99
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.88	U	8.1	0.88
108-95-2	Phenol	8.8	U	61	8.8
129-00-0	Pyrene	0.53	U	8.1	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 51111013.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:14

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30.20(g) | Date Analyzed: 11/11/2015 14:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	70		36-110
4165-62-2	Phenol-d5 (Surr)	54		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	52		20-110
367-12-4	2-Fluorophenol (Surr)	56		24-110
321-60-8	2-Fluorobiphenyl (Surr)	56		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	32		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 51111014.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:16

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.67(g) | Date Analyzed: 11/11/2015 14:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.4	U	62	4.4
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	31	U	190	31
88-06-2	2,4,6-Trichlorophenol	11	U	190	11
120-83-2	2,4-Dichlorophenol	25	U	190	25
105-67-9	2,4-Dimethylphenol	25	U	190	25
51-28-5	2,4-Dinitrophenol	26	U	410	26
121-14-2	2,4-Dinitrotoluene	21	U	250	21
606-20-2	2,6-Dinitrotoluene	26	U	250	26
91-58-7	2-Chloronaphthalene	0.56	U	62	0.56
95-57-8	2-Chlorophenol	10	U	62	10
91-57-6	2-Methylnaphthalene	0.62	U	8.3	0.62
95-48-7	2-Methylphenol	14	U	250	14
88-74-4	2-Nitroaniline	11	U	250	11
88-75-5	2-Nitrophenol	10	U	62	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	20	U	250	20
534-52-1	4,6-Dinitro-2-methylphenol	11	U	190	11
101-55-3	4-Bromophenyl phenyl ether	16	U	62	16
59-50-7	4-Chloro-3-methylphenol	26	U	190	26
106-47-8	4-Chloroaniline	21	U	190	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	62	16
100-01-6	4-Nitroaniline	32	U	250	32
100-02-7	4-Nitrophenol	21	U	410	21
83-32-9	Acenaphthene	0.95	U	8.3	0.95
208-96-8	Acenaphthylene	0.44	U	8.3	0.44
98-86-2	Acetophenone	13	J	120	11
120-12-7	Anthracene	0.97	U	8.3	0.97
1912-24-9	Atrazine	11	U	250	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.79	U	8.3	0.79
50-32-8	Benzo[a]pyrene	0.80	U	8.3	0.80
205-99-2	Benzo[b]fluoranthene	0.74	U	8.3	0.74
191-24-2	Benzo[g,h,i]perylene	0.44	U	8.3	0.44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 51111014.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:16

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.67(g) | Date Analyzed: 11/11/2015 14:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.85	U	8.3	0.85
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.5	U	120	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	40	J	87	24
85-68-7	Butyl benzyl phthalate	12	U	87	12
105-60-2	Caprolactam	46	U	410	46
86-74-8	Carbazole	34	U	62	34
218-01-9	Chrysene	1.4	U	8.3	1.4
53-70-3	Dibenz(a,h)anthracene	0.82	U	8.3	0.82
132-64-9	Dibenzofuran	0.82	U	62	0.82
84-66-2	Diethyl phthalate	20	U	87	20
131-11-3	Dimethyl phthalate	21	U	87	21
84-74-2	Di-n-butyl phthalate	19	U	87	19
117-84-0	Di-n-octyl phthalate	9.9	U	87	9.9
206-44-0	Fluoranthene	0.69	U	8.3	0.69
86-73-7	Fluorene	0.66	U	8.3	0.66
118-74-1	Hexachlorobenzene	2.6	U	8.3	2.6
87-68-3	Hexachlorobutadiene	7.0	U	62	7.0
77-47-4	Hexachlorocyclopentadiene	10	U	410	10
67-72-1	Hexachloroethane	11	U	62	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.44	U	8.3	0.44
78-59-1	Isophorone	16	U	62	16
621-64-7	N-Nitrosodi-n-propylamine	7.9	U	62	7.9
86-30-6	N-Nitrosodiphenylamine	26	U	62	26
91-20-3	Naphthalene	1.0	U	8.3	1.0
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	190	11
85-01-8	Phenanthrene	0.91	U	8.3	0.91
108-95-2	Phenol	9.1	U	62	9.1
129-00-0	Pyrene	0.55	U	8.3	0.55
15831-10-4	3 & 4 Methylphenol	25	U	500	25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 51111014.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:16

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.67(g) | Date Analyzed: 11/11/2015 14:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	87		36-110
4165-62-2	Phenol-d5 (Surr)	68		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	68		20-110
367-12-4	2-Fluorophenol (Surr)	71		24-110
321-60-8	2-Fluorobiphenyl (Surr)	73		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	45		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 51111015.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:18

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.78(g) | Date Analyzed: 11/11/2015 14:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	170	29
88-06-2	2,4,6-Trichlorophenol	10	U	170	10
120-83-2	2,4-Dichlorophenol	23	U	170	23
105-67-9	2,4-Dimethylphenol	23	U	170	23
51-28-5	2,4-Dinitrophenol	24	U	380	24
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	24	U	230	24
91-58-7	2-Chloronaphthalene	0.52	U	58	0.52
95-57-8	2-Chlorophenol	9.5	U	58	9.5
91-57-6	2-Methylnaphthalene	0.58	U	7.8	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	58	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	170	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	24	U	170	24
106-47-8	4-Chloroaniline	20	U	170	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	380	20
83-32-9	Acenaphthene	0.88	U	7.8	0.88
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.91	U	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.73	U	7.8	0.73
50-32-8	Benzo[a]pyrene	0.74	U	7.8	0.74
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 51111015.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:18

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.78(g) | Date Analyzed: 11/11/2015 14:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.79	U	7.8	0.79
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	29	J	81	22
85-68-7	Butyl benzyl phthalate	12	U	81	12
105-60-2	Caprolactam	43	U	380	43
86-74-8	Carbazole	31	U	58	31
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	58	0.77
84-66-2	Diethyl phthalate	19	U	81	19
131-11-3	Dimethyl phthalate	20	U	81	20
84-74-2	Di-n-butyl phthalate	17	U	81	17
117-84-0	Di-n-octyl phthalate	9.2	U	81	9.2
206-44-0	Fluoranthene	0.64	U	7.8	0.64
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.4	U	7.8	2.4
87-68-3	Hexachlorobutadiene	6.5	U	58	6.5
77-47-4	Hexachlorocyclopentadiene	9.4	U	380	9.4
67-72-1	Hexachloroethane	10	U	58	10
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.3	U	58	7.3
86-30-6	N-Nitrosodiphenylamine	24	U	58	24
91-20-3	Naphthalene	0.95	U	7.8	0.95
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	170	11
85-01-8	Phenanthrene	0.85	U	7.8	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	0.51	U	7.8	0.51
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 51111015.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:18

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 29.78(g) | Date Analyzed: 11/11/2015 14:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	78		36-110
4165-62-2	Phenol-d5 (Surr)	61		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	60		20-110
367-12-4	2-Fluorophenol (Surr)	59		24-110
321-60-8	2-Fluorobiphenyl (Surr)	64		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	40		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 51111019.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:20

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.86(g) | Date Analyzed: 11/11/2015 14:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	400	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.9	U	60	9.9
91-57-6	2-Methylnaphthalene	0.60	U	8.0	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	60	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	60	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	16	U	60	16
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	400	20
83-32-9	Acenaphthene	0.91	U	8.0	0.91
208-96-8	Acenaphthylene	0.42	U	8.0	0.42
98-86-2	Acetophenone	38	J	120	11
120-12-7	Anthracene	0.94	U	8.0	0.94
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	19	J	120	14
56-55-3	Benzo[a]anthracene	0.76	U	8.0	0.76
50-32-8	Benzo[a]pyrene	0.77	U	8.0	0.77
205-99-2	Benzo[b]fluoranthene	0.71	U	8.0	0.71
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.0	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 51111019.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:20

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.86(g) | Date Analyzed: 11/11/2015 14:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.82	U	8.0	0.82
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	23	U	84	23
85-68-7	Butyl benzyl phthalate	12	U	84	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	1.3	U	8.0	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	8.0	0.79
132-64-9	Dibenzofuran	0.79	U	60	0.79
84-66-2	Diethyl phthalate	19	U	84	19
131-11-3	Dimethyl phthalate	20	U	84	20
84-74-2	Di-n-butyl phthalate	18	U	84	18
117-84-0	Di-n-octyl phthalate	9.5	U	84	9.5
206-44-0	Fluoranthene	0.66	U	8.0	0.66
86-73-7	Fluorene	0.64	U	8.0	0.64
118-74-1	Hexachlorobenzene	2.5	U	8.0	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	400	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.0	0.42
78-59-1	Isophorone	16	U	60	16
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	60	7.6
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	0.99	U	8.0	0.99
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.88	U	8.0	0.88
108-95-2	Phenol	8.8	U	60	8.8
129-00-0	Pyrene	0.53	U	8.0	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 51111019.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:20

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.86(g) | Date Analyzed: 11/11/2015 14:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	88		36-110
4165-62-2	Phenol-d5 (Surr)	80		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	80		20-110
367-12-4	2-Fluorophenol (Surr)	78		24-110
321-60-8	2-Fluorobiphenyl (Surr)	73		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	40		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 51111020.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:22

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 15:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	0.60	U	8.0	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	60	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	16	U	60	16
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.91	U	8.0	0.91
208-96-8	Acenaphthylene	0.42	U	8.0	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.93	U	8.0	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.75	U	8.0	0.75
50-32-8	Benzo[a]pyrene	0.77	U	8.0	0.77
205-99-2	Benzo[b]fluoranthene	0.71	U	8.0	0.71
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.0	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 51111020.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:22

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 15:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.81	U	8.0	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	23	U	84	23
85-68-7	Butyl benzyl phthalate	12	U	84	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	1.3	U	8.0	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	8.0	0.79
132-64-9	Dibenzofuran	0.79	U	60	0.79
84-66-2	Diethyl phthalate	19	U	84	19
131-11-3	Dimethyl phthalate	20	U	84	20
84-74-2	Di-n-butyl phthalate	18	U	84	18
117-84-0	Di-n-octyl phthalate	9.4	U	84	9.4
206-44-0	Fluoranthene	0.66	U	8.0	0.66
86-73-7	Fluorene	0.63	U	8.0	0.63
118-74-1	Hexachlorobenzene	2.5	U	8.0	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	390	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.0	0.42
78-59-1	Isophorone	16	U	60	16
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	0.98	U	8.0	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.87	U	8.0	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	0.53	U	8.0	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 51111020.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:22

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.84(g) | Date Analyzed: 11/11/2015 15:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	72		36-110
4165-62-2	Phenol-d5 (Surr)	64		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	67		20-110
367-12-4	2-Fluorophenol (Surr)	67		24-110
321-60-8	2-Fluorobiphenyl (Surr)	63		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	32		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 51111021.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:24

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.37(g) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	170	29
88-06-2	2,4,6-Trichlorophenol	10	U	170	10
120-83-2	2,4-Dichlorophenol	23	U	170	23
105-67-9	2,4-Dimethylphenol	23	U	170	23
51-28-5	2,4-Dinitrophenol	24	U	380	24
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	24	U	230	24
91-58-7	2-Chloronaphthalene	0.52	U	58	0.52
95-57-8	2-Chlorophenol	9.5	U	58	9.5
91-57-6	2-Methylnaphthalene	0.58	U	7.7	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.6	U	58	9.6
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	170	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	24	U	170	24
106-47-8	4-Chloroaniline	20	U	170	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	380	20
83-32-9	Acenaphthene	0.88	U	7.7	0.88
208-96-8	Acenaphthylene	0.41	U	7.7	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.90	U	7.7	0.90
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.73	U	7.7	0.73
50-32-8	Benzo[a]pyrene	0.74	U	7.7	0.74
205-99-2	Benzo[b]fluoranthene	0.68	U	7.7	0.68
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.7	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 51111021.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:24

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.37(g) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.79	U	7.7	0.79
111-91-1	Bis(2-chloroethoxy)methane	25	U	120	25
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	60	J	81	22
85-68-7	Butyl benzyl phthalate	12	U	81	12
105-60-2	Caprolactam	43	U	380	43
86-74-8	Carbazole	31	U	58	31
218-01-9	Chrysene	1.3	U	7.7	1.3
53-70-3	Dibenz(a,h)anthracene	0.76	U	7.7	0.76
132-64-9	Dibenzofuran	0.76	U	58	0.76
84-66-2	Diethyl phthalate	19	U	81	19
131-11-3	Dimethyl phthalate	20	U	81	20
84-74-2	Di-n-butyl phthalate	18	J	81	17
117-84-0	Di-n-octyl phthalate	9.1	U	81	9.1
206-44-0	Fluoranthene	0.64	U	7.7	0.64
86-73-7	Fluorene	0.61	U	7.7	0.61
118-74-1	Hexachlorobenzene	2.4	U	7.7	2.4
87-68-3	Hexachlorobutadiene	6.5	U	58	6.5
77-47-4	Hexachlorocyclopentadiene	9.4	U	380	9.4
67-72-1	Hexachloroethane	10	U	58	10
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.7	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.3	U	58	7.3
86-30-6	N-Nitrosodiphenylamine	24	U	58	24
91-20-3	Naphthalene	0.95	U	7.7	0.95
98-95-3	Nitrobenzene	2.5	U	120	2.5
87-86-5	Pentachlorophenol	11	U	170	11
85-01-8	Phenanthrene	0.85	U	7.7	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	0.51	U	7.7	0.51
15831-10-4	3 & 4 Methylphenol	23	U	460	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 51111021.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:24

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.37(g) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	77		36-110
4165-62-2	Phenol-d5 (Surr)	57		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	65		20-110
367-12-4	2-Fluorophenol (Surr)	65		24-110
321-60-8	2-Fluorobiphenyl (Surr)	59		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	33		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 51111022.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.64(g) | Date Analyzed: 11/11/2015 16:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	59	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.7	U	59	9.7
91-57-6	2-Methylnaphthalene	0.59	U	7.9	0.59
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.8	U	59	9.8
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.90	U	7.9	0.90
208-96-8	Acenaphthylene	0.41	U	7.9	0.41
98-86-2	Acetophenone	11	J	120	11
120-12-7	Anthracene	0.92	U	7.9	0.92
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.75	U	7.9	0.75
50-32-8	Benzo[a]pyrene	0.76	U	7.9	0.76
205-99-2	Benzo[b]fluoranthene	0.70	U	7.9	0.70
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.9	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 51111022.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.64(g) | Date Analyzed: 11/11/2015 16:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.80	U	7.9	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	22	U	83	22
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	1.3	U	7.9	1.3
53-70-3	Dibenz(a,h)anthracene	0.78	U	7.9	0.78
132-64-9	Dibenzofuran	0.78	U	59	0.78
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	0.65	U	7.9	0.65
86-73-7	Fluorene	0.63	U	7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.6	U	390	9.6
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.9	0.41
78-59-1	Isophorone	15	U	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	59	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	0.97	U	7.9	0.97
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.86	U	7.9	0.86
108-95-2	Phenol	8.6	U	59	8.6
129-00-0	Pyrene	0.52	U	7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 51111022.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.64(g) | Date Analyzed: 11/11/2015 16:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	79		36-110
4165-62-2	Phenol-d5 (Surr)	62		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	73		20-110
367-12-4	2-Fluorophenol (Surr)	70		24-110
321-60-8	2-Fluorobiphenyl (Surr)	68		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	28		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 51111023.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.09(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	170	29
88-06-2	2,4,6-Trichlorophenol	10	U	170	10
120-83-2	2,4-Dichlorophenol	23	U	170	23
105-67-9	2,4-Dimethylphenol	23	U	170	23
51-28-5	2,4-Dinitrophenol	24	U	380	24
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	24	U	230	24
91-58-7	2-Chloronaphthalene	0.52	U	58	0.52
95-57-8	2-Chlorophenol	9.6	U	58	9.6
91-57-6	2-Methylnaphthalene	0.58	U	7.8	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	58	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	170	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	24	U	170	24
106-47-8	4-Chloroaniline	20	U	170	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	380	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.91	U	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.73	U	7.8	0.73
50-32-8	Benzo[a]pyrene	0.75	U	7.8	0.75
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 51111023.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.09(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.79	U	7.8	0.79
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	22	J	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	380	43
86-74-8	Carbazole	31	U	58	31
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	58	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	17	U	82	17
117-84-0	Di-n-octyl phthalate	9.2	U	82	9.2
206-44-0	Fluoranthene	0.64	U	7.8	0.64
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.4	U	7.8	2.4
87-68-3	Hexachlorobutadiene	6.5	U	58	6.5
77-47-4	Hexachlorocyclopentadiene	9.4	U	380	9.4
67-72-1	Hexachloroethane	10	U	58	10
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.3	U	58	7.3
86-30-6	N-Nitrosodiphenylamine	24	U	58	24
91-20-3	Naphthalene	0.96	U	7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	170	11
85-01-8	Phenanthrene	0.85	U	7.8	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	0.51	U	7.8	0.51
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 51111023.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.09(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	81		36-110
4165-62-2	Phenol-d5 (Surr)	60		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	74		20-110
367-12-4	2-Fluorophenol (Surr)	71		24-110
321-60-8	2-Fluorobiphenyl (Surr)	68		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	24		10-110

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-200091/6	51002006.D
Level 2	STD2 240-200091/5	51002005.D
Level 3	STD3 240-200091/4	51002004.D
Level 4	STD4 240-200091/3	51002003.D
Level 5	STD5 240-200091/2	51002002.D
Level 6	STD6 240-200091/10	51002010.D
Level 7	STD7 240-200091/9	51002009.D
Level 8	STD8 240-200091/8	51002008.D
Level 9	STD9 240-200091/7	51002007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.6695	0.7664 0.6450	0.7112 0.6601	0.6791 0.6797	0.7113	Ave		0.6903				5.6		20.0			
N-Nitrosodimethylamine	0.9213	0.9861 0.9036	0.9021 0.9073	0.9106 0.9353	0.9364	Ave		0.9253				3.0		20.0			
Pyridine	1.6752	1.7590 1.6375	1.6236 1.6765	1.6397 1.7157	1.7460	Ave		1.6842				3.0		20.0			
Benzaldehyde	1.1161	1.2599 0.9941	1.2278 0.9643	1.2174 0.9002	1.2082	Ave		1.1110			0.0100	12.6		20.0			
Phenol	1.8772	2.0486 1.7989	1.9063 1.8076	1.9409 1.8084	1.9432	Ave		1.8914			0.8000	4.6		20.0			
Aniline	2.4273	2.4891 2.3113	2.4030 2.3297	2.4066 2.3780	2.4676	Ave		2.4016				2.6		20.0			
Bis(2-chloroethyl)ether	1.5242	1.5993 1.4438	1.5227 1.4462	1.5177 1.4436	1.5534	Ave		1.5064			0.7000	3.8		20.0			
2-Chlorophenol	1.5436	1.5843 1.4930	1.5903 1.5124	1.5578 1.5091	1.5573	Ave		1.5435			0.8000	2.3		20.0			
n-Decane	1.8806	2.1172 1.7823	2.0495 1.7515	1.9665 1.7279	2.0152	Ave		1.9113				7.7		20.0			
1,3-Dichlorobenzene	1.5929	1.6788 1.5009	1.5686 1.5104	1.6231 1.5138	1.6452	Ave		1.5792				4.3		20.0			
1,4-Dichlorobenzene	1.6286	1.7289 1.5274	1.6483 1.5572	1.6056 1.5444	1.6767	Ave		1.6146				4.3		20.0			
Benzyl alcohol	1.0249	1.1085 0.9791	1.0175 0.9932	1.0225 0.9932	1.0587	Ave		1.0247				4.1		20.0			
1,2-Dichlorobenzene	1.5382	1.6271 1.4641	1.5700 1.4793	1.5350 1.4835	1.5516	Ave		1.5311				3.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.4114	1.4902 1.3491	1.4012 1.3603	1.4223 1.3516	1.5104	Ave		1.4121			0.7000	4.3		20.0			
bis (2-chloroisopropyl) ether	2.1032	2.4010 1.9023	2.3063 1.8708	2.2908 1.8368	2.2583	Ave		2.1212				10.6		20.0			
Indene	2.5417	2.8532 2.3321	2.6823 2.2562	2.7190 2.1708	2.7151	Ave		2.5338				9.9		20.0			
3 & 4 Methylphenol	1.4717	1.5716 1.3921	1.4945 1.3910	1.4916 1.3913	1.5495	Ave		1.4692				4.9		20.0			
N-Nitrosodi-n-propylamine	0.9027	0.9251 0.8420	0.9104 0.8191	0.8990 0.7921	0.9376	Ave		0.8785			0.5000	6.1		20.0			
Acetophenone	2.0138	2.0766 1.8967	2.0491 1.8871	2.0752 1.8264	2.0787	Ave		1.9880			0.0100	5.1		20.0			
Hexachloroethane	0.6506	0.6511 0.6153	0.6147 0.6272	0.6386 0.6127	0.6770	Ave		0.6359			0.3000	3.6		20.0			
Nitrobenzene	0.3700	0.3890 0.3608	0.3813 0.3557	0.3686 0.3512	0.3786	Ave		0.3694			0.2000	3.6		20.0			
Isophorone	0.6883	0.7238 0.6711	0.6929 0.6633	0.6847 0.6524	0.7054	Ave		0.6852			0.4000	3.4		20.0			
2-Nitrophenol	0.1876	0.1380 0.1801	0.1435 0.1805	0.1564 0.1754	0.1739	Ave		0.1669			0.1000	11.1		20.0			
2,4-Dimethylphenol	0.3616	0.3894 0.3430	0.3809 0.3374	0.3682 0.3237	0.3597	Ave		0.3580			0.2000	6.2		20.0			
Benzoic acid	0.2291	+++++ 0.2141	0.0903 0.2178	0.1351 0.2228	0.1906	Lin1	-0.305	0.2283							0.9990		0.9900
Bis(2-chloroethoxy)methane	0.4177	0.4647 0.3986	0.4508 0.3937	0.4375 0.3846	0.4412	Ave		0.4236			0.3000	6.9		20.0			
2,4-Dichlorophenol	0.3004	0.3102 0.2890	0.2958 0.2884	0.2907 0.2810	0.2969	Ave		0.2940			0.2000	3.0		20.0			
1,2,4-Trichlorobenzene	0.3054	0.3141 0.2927	0.3209 0.2858	0.3095 0.2778	0.3117	Ave		0.3022				5.0		20.0			
Naphthalene	1.3004 1.0690	1.1308 1.0304	1.0735 1.0093	1.0684 0.9772	1.0969	Ave		1.0840			0.7000	8.6		20.0			
4-Chloroaniline	0.4741	0.4930 0.4559	0.5069 0.4525	0.4937 0.4485	0.4800	Ave		0.4756			0.0100	4.6		20.0			
2,6-Dichlorophenol	0.2958	0.3215 0.2856	0.3004 0.2833	0.2958 0.2781	0.2986	Ave		0.2949				4.5		20.0			
Hexachlorobutadiene	0.1890	0.2046 0.1802	0.1919 0.1770	0.1878 0.1720	0.1923	Ave		0.1868			0.0100	5.5		20.0			
Caprolactam	0.1158	0.1186 0.1145	0.1187 0.1160	0.1123 0.1173	0.1180	Ave		0.1164			0.0100	1.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3081	0.3124 0.2963	0.3078 0.2958	0.3032 0.2895	0.3130	Ave		0.3033			0.2000	2.8		20.0			
2-Methylnaphthalene	0.7756 0.6955	0.7490 0.6693	0.7170 0.6556	0.6957 0.6313	0.7165	Ave		0.7006			0.4000	6.5		20.0			
1-Methylnaphthalene	0.7676 0.6107	0.6360 0.5848	0.6456 0.5768	0.6162 0.5626	0.6282	Ave		0.6254				9.6		20.0			
Hexachlorocyclopentadiene	0.2948	0.2072 0.2918	0.2317 0.2918	0.2528 0.2873	0.2937	Ave		0.2689			0.0500	12.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.4885	0.5652 0.4629	0.5402 0.4463	0.5472 0.4297	0.5183	Ave		0.4998			0.0100	10.1		20.0			
2,4,6-Trichlorophenol	0.3715	0.3724 0.3588	0.3515 0.3509	0.3712 0.3425	0.3759	Ave		0.3619			0.2000	3.5		20.0			
2,4,5-Trichlorophenol	0.3894	0.3736 0.3765	0.3808 0.3754	0.3750 0.3713	0.3936	Ave		0.3794			0.2000	2.1		20.0			
1,1'-Biphenyl	1.6748 1.3725	1.4785 1.3090	1.4844 1.2882	1.4329 1.2449	1.3992	Ave		1.4094			0.0100	9.2		20.0			
2-Chloronaphthalene	1.4430 1.1165	1.3094 1.0904	1.1919 1.0799	1.2036 1.0476	1.1544	Ave		1.1819			0.8000	10.7		20.0			
2-Nitroaniline	0.3659	0.3458 0.3517	0.3335 0.3522	0.3394 0.3426	0.3714	Ave		0.3503			0.0100	3.7		20.0			
Dimethyl phthalate	1.2918	1.3757 1.2433	1.3134 1.2373	1.2978 1.2027	1.3157	Ave		1.2847			0.0100	4.3		20.0			
1,3-Dinitrobenzene	0.2128	0.1253 0.2137	0.1311 0.2169	0.1611 0.2086	0.1876	Lin1	-0.066	0.2149							0.9980		0.9900
2,6-Dinitrotoluene	0.2980	0.2441 0.2879	0.2649 0.2943	0.2864 0.2823	0.2962	Ave		0.2818				6.6		20.0			
Acenaphthylene	2.0743 1.7077	1.8368 1.6563	1.7806 1.6705	1.7896 1.5999	1.7512	Ave		1.7630			0.9000	7.8		20.0			
3-Nitroaniline	0.3380	0.2955 0.3324	0.3068 0.3328	0.3220 0.3280	0.3359	Ave		0.3239			0.0100	4.7		20.0			
2,4-Dinitrophenol	0.1481	+++++ 0.1538	0.0351 0.1544	0.0510 0.1462	0.0918	Lin1	-0.328	0.1574			0.0100				0.9920		0.9900
Acenaphthene	1.3039 1.0225	1.2131 0.9782	1.1513 0.9499	1.1017 0.8846	1.0737	Ave		1.0754			0.9000	12.4		20.0			
4-Nitrophenol	0.1794	0.1547 0.1768	0.1585 0.1774	0.1663 0.1698	0.1787	Ave		0.1702				5.6		20.0			
2,4-Dinitrotoluene	0.4036	0.2963 0.3894	0.3270 0.3928	0.3557 0.3847	0.3830	Ave		0.3666			0.2000	10.2		20.0			
Dibenzofuran	1.9069 1.5721	1.7236 1.5073	1.6855 1.5083	1.6327 1.4681	1.6051	Ave		1.6233			0.8000	8.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.3261	0.3032 0.3202	0.3101 0.3234	0.3209 0.3127	0.3268	Ave		0.3179			0.0100	2.6		20.0			
Diethyl phthalate	1.1755	1.3606 1.0860	1.2751 1.0391	1.2561 0.9672	1.2198	Ave		1.1724			0.0100	11.3		20.0			
Hexadecane	0.5384	0.6539 0.4892	0.6552 0.4399	0.6420 0.3964	0.6215	Ave		0.5546				18.6		20.0			
4-Chlorophenyl phenyl ether	0.6018	0.6868 0.5811	0.6476 0.5764	0.6229 0.5609	0.6109	Ave		0.6110			0.4000	6.8		20.0			
4-Nitroaniline	0.3283	0.3168 0.3054	0.3309 0.2952	0.3259 0.2745	0.3421	Ave		0.3149			0.0100	7.0		20.0			
Fluorene	1.5331 1.3077	1.4393 1.2410	1.3917 1.1745	1.3621 1.1146	1.3380	Ave		1.3224			0.9000	9.9		20.0			
4,6-Dinitro-2-methylphenol	0.1405	+++++ 0.1420	0.0535 0.1473	0.0736 0.1406	0.1077	Lin1	-0.238	0.1483			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5721	0.6386 0.5413	0.6032 0.5217	0.6014 0.4871	0.6027	Ave		0.5710			0.0100	8.9		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.7979	0.8327 0.7726	0.8253 0.7603	0.8422 0.7222	0.8418	Ave		0.7997				5.5		20.0			
Azobenzene	0.7979	0.8316 0.7731	0.8275 0.7602	0.8424 0.7228	0.8424	Ave		0.7997				5.5		20.0			
4-Bromophenyl phenyl ether	0.2291	0.2468 0.2220	0.2422 0.2182	0.2340 0.2104	0.2360	Ave		0.2298			0.1000	5.4		20.0			
Hexachlorobenzene	0.2897 0.2474	0.2906 0.2387	0.2639 0.2357	0.2702 0.2283	0.2592	Ave		0.2582			0.1000	8.8		20.0			
Atrazine	0.2085	0.2470 0.1989	0.2352 0.1914	0.2302 0.1784	0.2226	Ave		0.2140			0.0100	11.1		20.0			
Pentachlorophenol	0.1566	0.1203 0.1461	0.1373 0.1435	0.1462 0.1377	0.1580	Ave		0.1432			0.0500	8.4		20.0			
n-Octadecane	0.7811	1.0785 0.6664	1.0384 0.6036	1.0135 0.5462	0.9376	Qua	0.2920	0.8735	-0.013823						0.9980		0.9900
Phenanthrene	1.3748 1.1479	1.2369 1.1131	1.1926 1.0919	1.1939 1.0530	1.1921	Ave		1.1773			0.7000	8.0		20.0			
Anthracene	1.3205 1.1782	1.2586 1.1423	1.2160 1.1412	1.1785 1.0647	1.2105	Ave		1.1901			0.7000	6.2		20.0			
Carbazole	1.1072	1.2431 1.0787	1.2009 1.0743	1.1353 1.0193	1.1600	Ave		1.1273			0.0100	6.5		20.0			
Di-n-butyl phthalate	1.3947	1.4647 1.3496	1.4241 1.3237	1.4029 1.2334	1.4453	Ave		1.3798			0.0100	5.5		20.0			
Fluoranthene	1.5321 1.2882	1.3939 1.2469	1.3537 1.2340	1.3252 1.1725	1.3424	Ave		1.3210			0.6000	7.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6451	0.5338 0.6050	0.5417 0.5945	0.5546 0.5565	0.6428	Ave		0.5843				7.6		20.0			
Pyrene	1.3418 1.1061	1.1896 1.0765	1.1446 1.0713	1.1384 1.0412	1.1040	Ave		1.1348			0.6000	7.9		20.0			
Butyl benzyl phthalate	0.5176	0.5409 0.5064	0.5195 0.5022	0.5221 0.4846	0.5206	Ave		0.5142			0.0100	3.2		20.0			
3,3'-Dichlorobenzidine	0.3938	0.4187 0.3806	0.4084 0.3666	0.4148 0.3572	0.4218	Ave		0.3952			0.0100	6.3		20.0			
Bis(2-ethylhexyl) phthalate	0.6563	0.7249 0.6056	0.7320 0.5577	0.7423 0.5175	0.7272	Ave		0.6579			0.0100	13.4		20.0			
Benzo[a]anthracene	1.2994 1.1072	1.1154 1.0880	1.1109 1.1166	1.1030 1.0814	1.1126	Ave		1.1261			0.8000	5.9		20.0			
Chrysene	1.2630 1.0330	1.1264 1.0316	1.0723 1.0239	1.0588 1.0141	1.0605	Ave		1.0759			0.7000	7.2		20.0			
Di-n-octyl phthalate	1.4250	1.2463 1.3943	1.3097 1.4235	1.3592 1.3602	1.4489	Ave		1.3709			0.0100	4.9		20.0			
Benzo[b]fluoranthene	1.1428 1.1817	1.1483 1.0957	1.1239 1.1339	1.0694 1.1422	1.1127	Ave		1.1278			0.7000	2.9		20.0			
Benzo[k]fluoranthene	1.4480 1.2152	1.3389 1.2296	1.3013 1.2500	1.2492 1.1684	1.2686	Ave		1.2743			0.7000	6.4		20.0			
Benzo[a]pyrene	1.1242 1.1335	1.1003 1.1221	1.1316 1.1430	1.0872 1.1046	1.1374	Ave		1.1204			0.7000	1.7		20.0			
Indeno[1,2,3-cd]pyrene	1.0594 1.2888	1.1682 1.2677	1.2083 1.2995	1.2340 1.2525	1.3208	Ave		1.2332			0.5000	6.5		20.0			
Dibenz(a,h)anthracene	0.7887 1.0727	1.0310 1.0681	1.0191 1.0966	1.0137 1.0546	1.0748	Ave		1.0244			0.4000	9.0		20.0			
Benzo[g,h,i]perylene	0.9436 1.1332	1.0999 1.1069	1.0654 1.1485	1.0731 1.1229	1.1388	Ave		1.0925			0.5000	5.7		20.0			
2-Fluorophenol (Surr)	1.4936	1.4868 1.4489	1.4884 1.4663	1.5162 1.4709	1.5176	Ave		1.4861				1.6		20.0			
Phenol-d5 (Surr)	1.8356	1.9501 1.7490	1.8116 1.7382	1.7830 1.7442	1.8996	Ave		1.8139				4.3		20.0			
Nitrobenzene-d5 (Surr)	0.4177 0.3995	0.4058 0.3874	0.3992 0.3905	0.3968 0.3818	0.4054	Ave		0.3982				2.7		20.0			
2-Fluorobiphenyl (Surr)	1.6344 1.2399	1.4109 1.1877	1.3265 1.1814	1.2886 1.1377	1.2630	Ave		1.2967				11.7		20.0			
2,4,6-Tribromophenol (Surr)	0.1986	0.1782 0.1920	0.1845 0.1971	0.1810 0.1944	0.1873	Ave		0.1891				4.0		20.0			
Terphenyl-d14 (Surr)	0.9059 0.7324	0.8249 0.7190	0.7668 0.7171	0.7574 0.6951	0.7388	Ave		0.7619				8.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-200091/6	51002006.D
Level 2	STD2 240-200091/5	51002005.D
Level 3	STD3 240-200091/4	51002004.D
Level 4	STD4 240-200091/3	51002003.D
Level 5	STD5 240-200091/2	51002002.D
Level 6	STD6 240-200091/10	51002010.D
Level 7	STD7 240-200091/9	51002009.D
Level 8	STD8 240-200091/8	51002008.D
Level 9	STD9 240-200091/7	51002007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	370662	20911 545261	37914 731845	68248 915986	166746	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	510065	26906 763855	48095 1005940	91510 1260405	219541	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	927473	47995 1384286	86556 1858888	164774 2312079	409338	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	1235862	68753 1680758	130916 2138376	244675 2426096	566513	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenol	DCB	Ave	1039342	55897 1520706	101626 2004194	195041 2436933	455561	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1343901	67917 1953885	128107 2583026	241843 3204478	578515	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	843878	43637 1220540	81176 1603524	152518 1945416	364177	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	854637	43227 1262124	84781 1676912	156548 2033603	365089	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
n-Decane	DCB	Ave	1041214	57768 1506688	109265 1941972	197615 2328538	472437	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	881944	45808 1268801	83623 1674644	163103 2039987	385698	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,4-Dichlorobenzene	DCB	Ave	901675	47174 1291211	87875 1726579	161346 2081257	393078	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	567465	30245 827651	54243 1101205	102751 1338352	248213	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	851645	44397 1237679	83698 1640215	154250 1999182	363748	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	781451	40662 1140453	74700 1508237	142925 1821326	354108	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
bis (2-chloroisopropyl) ether	DCB	Ave	1164480	65511 1608103	122954 2074273	230203 2475238	529431	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indene	DCB	Ave	2814476	155700 3942904	285997 5003192	546467 5850511	1273077	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
3 & 4 Methylphenol	DCB	Ave	814794	42882 1176808	79676 1542266	149893 1874933	363254	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	499813	25243 711760	48533 908131	90336 1067435	219816	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1114952	56662 1603405	109240 2092353	208536 2461240	487336	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	360194	17766 520125	32770 695444	64178 825687	158706	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	838541	43092 1234105	80768 1631735	151101 1987886	364359	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1559881	80173 2295589	146792 3043071	280704 3692856	678797	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	425227	15291 615997	30400 828256	64101 992550	167320	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	819350	43130 1173285	80689 1547760	150936 1832271	346175	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Lin1	1038142	+++++ 1464610	38247 1998568	110811 2522170	366851	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	946659	51471 1363574	95507 1805907	179349 2176975	424597	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	680679	34360 988632	62666 1322854	119194 1590608	285685	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	692195	34798 1001246	67981 1310983	126903 1572169	299921	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	28740 2422576	125257 3524618	227409 4629906	438031 5531113	1055573	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1074448	54612 1559338	107392 2075944	202393 2538434	461884	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dichlorophenol	NPT	Ave	670420	35610 976864	63644 1299712	121289 1574160	287306	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	428273	22658 616384	40647 811900	76997 973311	185013	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	524922	26271 783569	50274 1064258	92048 1328164	227125	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	698207	34610 1013626	65210 1356946	124311 1638397	301160	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	17141 1576062	82967 2289268	151895 3007482	285213 3573068	689536	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Methylnaphthalene	NPT	Ave	16966 1383973	70455 2000288	136756 2645906	252647 3184434	604477	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 390085	12564 584683	27556 777885	57197 948047	161161	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 646406	34273 927687	64237 1189970	123837 1418071	284441	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 491572	22581 719102	41801 935674	83990 1130369	206296	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 515195	22656 754448	45283 1000757	84859 1225297	216019	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	20494 1816044	89656 2623309	176516 3434479	324251 4108549	767845	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	17658 1477280	79399 2185216	141725 2879241	272377 3457566	633504	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 484150	20971 704890	39662 938975	76808 1130855	203833	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1709256	83422 2491597	156176 3298887	293685 3969492	722024	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dinitrobenzene	ANT	Lin1	 281574	7597 428331	15586 578326	36454 688473	102927	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 394339	14804 576932	31503 784639	64800 931549	162540	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	25382 2259522	111380 3319231	211730 4453755	404966 5280391	960986	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 447285	17920 666109	36480 887185	72876 1082650	184318	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Lin1	 391802	+++++ 616389	8344 823125	23069 964987	100738	 20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
Acenaphthene	ANT	Ave	15956 1352877	73560 1960267	136902 2532651	249312 2919429	589216	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	 474712	18758 708462	37701 945992	75258 1120709	196147	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
2,4-Dinitrotoluene	ANT	Ave	 534050	17970 780449	38883 1047168	80488 1269724	210162	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	23334 2080160	104518 3020592	200424 4021214	369474 4845200	880799	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 431493	18383 641722	36874 862275	72619 1032006	179341	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	 1555322	82503 2176407	151628 2770424	284239 3191986	669397	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexadecane	PHN	Ave	 1131032	62955 1546902	123571 1870574	231460 2114114	530812	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	796301	41646 1164488	77006 1536749	140959 1851206	335228	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	434429	19209 611969	39345 787092	73747 905845	187751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	18760 1730223	87274 2486967	165484 3131335	308240 3678529	734219	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Lin1	590204	+++++ 897806	20166 1253065	53043 1499930	183900	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
N-Nitrosodiphenylamine	PHN	Ave	2403332	122960 3423294	227499 4437465	433673 5196185	1029508	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1675941	80170 2443006	155647 3233352	303647 3852013	718987	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1676087	80066 2444390	156051 3232944	303700 3855135	719496	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	481209	23757 701931	45684 928120	84352 1122446	201544	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	5609 519703	27980 754663	49774 1002347	97403 1217956	221331	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	875985	47563 1257802	88712 1627481	165998 1902732	380168	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Pentachlorophenol	PHN	Ave	657894	23164 924064	51777 1220147	105393 1469132	269822	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
n-Octadecane	ANT	Qua	1033464	65400 1335536	123473 1609282	229344 1802677	514499	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenanthrene	PHN	Ave	26616 2411126	119089 3519639	224901 4643298	430431 5616503	1018122	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	25564 2474768	121176 3611735	229322 4853200	424899 5679119	1033829	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2325742	119681 3410796	226468 4568414	409309 5436592	990732	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2929632	141017 4267270	268573 5629384	505808 6579074	1234410	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	29660 2705932	134205 3942504	255297 5247887	477790 6253971	1146489	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Ave	3345321	126524 4745755	251450 6239797	488303 7217928	1372140	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Pyrene	CRY	Ave	31197 2867797	140967 4222040	265647 5621799	501177 6752901	1178311	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1342117	64093 1986008	120560 2635406	229845 3143034	555638	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dichlorobenzidine	CRY	Ave	2042036	99232 2985002	189560 3847725	365246 4633511	900335	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Bis(2-ethylhexyl) phthalate	CRY	Ave	1701558	85896 2374966	169877 2926383	326796 3356175	776158	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	30212 2870719	132181 4266960	257826 5859665	485590 7013789	1187464	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	29365 2678230	133481 4045667	248867 5373291	466114 6576826	1131795	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Ave	3402387	133560 5122374	277640 6897735	556183 8332711	1431617	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	24087 2821318	123058 4025307	238255 5494463	437589 6997425	1099354	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	30521 2901469	143482 4517162	275861 6056952	511155 7157600	1253398	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	23695 2706410	117909 4122371	239888 5538764	444893 6767133	1123767	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	22329 3077152	125185 4657108	256153 6296984	504951 7672812	1304973	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	16624 2561245	110491 3923783	216043 5313779	414824 6460507	1061935	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	19890 2705601	117865 4066451	225855 5565214	439115 6878912	1125146	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	826968	40568 1224794	79350 1625797	152367 1982168	355783	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1016291	53208 1478509	96582 1927273	179175 2350446	445346	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	9232 905450	44953 1324964	84570 1791496	162679 2161035	390090	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	20000 1640609	85555 2380059	157732 3149652	291601 3754930	693115	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	262754	10804 384804	21934 525506	40962 641586	102778	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	21063 1898847	97756 2819906	177962 3763219	333450 4507965	788542	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-204569/6	51030006.D
Level 2	STD2 240-204569/5	51030005.D
Level 3	STD3 240-204569/4	51030004.D
Level 4	STD4 240-204569/3	51030003.D
Level 5	STD5 240-204569/2	51030002.D
Level 6	STD6 240-204569/10	51030010.D
Level 7	STD7 240-204569/9	51030009.D
Level 8	STD8 240-204569/8	51030008.D
Level 9	STD9 240-204569/7	51030007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7879	0.6702 0.7724	0.7963 0.7912	0.7519 0.7577	0.7576	Ave		0.7606				5.3		20.0			
N-Nitrosodimethylamine	1.1590	1.0469 1.1257	0.9916 1.1673	1.0993 1.1059	1.0809	Ave		1.0971				5.3		20.0			
Pyridine	2.0907	2.0205 1.9910	1.8876 2.0977	2.0118 1.9855	2.0565	Ave		2.0177				3.3		20.0			
Benzaldehyde	1.3725	1.5727 1.2076	1.5657 1.2344	1.5133 +++++	1.4739	Ave		1.4200			0.0100	10.7		20.0			
Phenol	2.1853	2.1727 2.0136	2.0934 2.0804	2.1195 1.9722	2.1525	Ave		2.0987			0.8000	3.6		20.0			
Aniline	2.7280	2.6247 2.5385	2.6136 2.6466	2.6262 2.5459	2.6111	Ave		2.6168				2.3		20.0			
Bis(2-chloroethyl)ether	1.8558	1.9142 1.6942	1.8429 1.7572	1.8447 1.6890	1.8270	Ave		1.8031			0.7000	4.5		20.0			
2-Chlorophenol	1.5989	1.4425 1.5006	1.5455 1.5432	1.5087 1.4819	1.5120	Ave		1.5167			0.8000	3.1		20.0			
n-Decane	1.7829	1.8718 1.6389	1.8936 1.6552	1.8312 1.5772	1.8099	Ave		1.7576				6.7		20.0			
1,3-Dichlorobenzene	1.6084	1.5596 1.5011	1.6679 1.5578	1.6175 1.4910	1.5792	Ave		1.5728				3.8		20.0			
1,4-Dichlorobenzene	1.6334	1.6944 1.5231	1.6061 1.5860	1.6427 1.5227	1.6060	Ave		1.6018				3.7		20.0			
Benzyl alcohol	1.1163	0.8791 1.0801	0.9185 1.1234	0.9897 1.0846	1.0413	Ave		1.0291				8.9		20.0			
1,2-Dichlorobenzene	1.5481	1.6647 1.4507	1.5548 1.5234	1.5786 1.4511	1.5515	Ave		1.5404				4.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.6435	1.5529 1.5278	1.5884 1.6065	1.5262 1.5342	1.5781	Ave		1.5697			0.7000	2.7		20.0			
bis (2-chloroisopropyl) ether	2.0663	2.1290 1.9114	2.1504 1.9756	2.0501 1.8678	2.0388	Ave		2.0237				4.9		20.0			
Indene	2.7276	2.8401 2.4658	2.8969 2.5378	2.8654 2.3993	2.7687	Ave		2.6877				7.2		20.0			
3 & 4 Methylphenol	1.6857	1.6121 1.5969	1.5331 1.6527	1.6625 1.5643	1.6490	Ave		1.6195				3.2		20.0			
N-Nitrosodi-n-propylamine	1.1989	1.1171 1.1083	1.1602 1.1430	1.1470 1.0752	1.1583	Ave		1.1385			0.5000	3.3		20.0			
Acetophenone	2.3832	2.4667 2.2595	2.3410 2.3395	2.3767 2.2604	2.3981	Ave		2.3531			0.0100	3.0		20.0			
Hexachloroethane	0.6860	0.6898 0.6531	0.6582 0.6793	0.6592 0.6596	0.6614	Ave		0.6683			0.3000	2.1		20.0			
Nitrobenzene	0.4587	0.4485 0.4327	0.4414 0.4340	0.4609 0.4248	0.4662	Ave		0.4459			0.2000	3.4		20.0			
Isophorone	0.7828	0.7464 0.7590	0.7806 0.7476	0.7726 0.7157	0.7963	Ave		0.7626			0.4000	3.4		20.0			
2-Nitrophenol	0.1828	0.1373 0.1790	0.1472 0.1753	0.1582 0.1700	0.1781	Ave		0.1660			0.1000	10.0		20.0			
2,4-Dimethylphenol	0.3869	0.3987 0.3723	0.4012 0.3647	0.3813 0.3471	0.4020	Ave		0.3818			0.2000	5.1		20.0			
Benzoic acid	0.2127	+++++ 0.2174	0.0852 0.2213	0.1129 0.2114	0.1510	Lin1	-0.359	0.2234							0.9960		0.9900
Bis(2-chloroethoxy)methane	0.4632	0.4830 0.4267	0.4845 0.4231	0.4695 0.4030	0.4779	Ave		0.4539			0.3000	7.0		20.0			
2,4-Dichlorophenol	0.2586	0.2322 0.2510	0.2551 0.2491	0.2461 0.2424	0.2571	Ave		0.2489			0.2000	3.5		20.0			
1,2,4-Trichlorobenzene	0.2904	0.3057 0.2778	0.3084 0.2753	0.2978 0.2688	0.3048	Ave		0.2911				5.3		20.0			
Naphthalene	1.3148 1.0745	1.1643 1.0146	1.1361 0.9888	1.0999 0.9493	1.0983	Ave		1.0934			0.7000	9.9		20.0			
4-Chloroaniline	0.4907	0.4694 0.4709	0.4675 0.4648	0.4499 0.4471	0.4606	Ave		0.4651			0.0100	2.9		20.0			
2,6-Dichlorophenol	0.2619	0.2609 0.2504	0.2649 0.2440	0.2474 0.2401	0.2580	Ave		0.2535				3.6		20.0			
Hexachlorobutadiene	0.1543	0.1757 0.1478	0.1596 0.1459	0.1568 0.1417	0.1563	Ave		0.1548			0.0100	6.8		20.0			
Caprolactam	0.1199	0.0914 0.1182	0.1059 0.1173	0.1129 0.1147	0.1141	Ave		0.1118			0.0100	8.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3405	0.2915 0.3291	0.2982 0.3289	0.3051 0.3200	0.3280	Ave		0.3177			0.2000	5.5		20.0			
2-Methylnaphthalene	0.6714 0.6849	0.7552 0.6463	0.7151 0.6273	0.6901 0.5996	0.7011	Ave		0.6768			0.4000	7.0		20.0			
1-Methylnaphthalene	0.6508 0.6069	0.6257 0.5675	0.6232 0.5547	0.6191 0.5412	0.6146	Ave		0.6004				6.2		20.0			
Hexachlorocyclopentadiene	0.2836	0.2033 0.2937	0.2109 0.2923	0.2357 0.2863	0.2621	Ave		0.2585			0.0500	14.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.4829	0.5543 0.4681	0.5241 0.4467	0.5277 0.4361	0.5085	Ave		0.4935			0.0100	8.5		20.0			
2,4,6-Trichlorophenol	0.3520	0.3202 0.3511	0.3243 0.3405	0.3380 0.3354	0.3397	Ave		0.3377			0.2000	3.3		20.0			
2,4,5-Trichlorophenol	0.3611	0.3258 0.3643	0.3548 0.3514	0.3345 0.3507	0.3665	Ave		0.3511			0.2000	4.1		20.0			
1,1'-Biphenyl	1.7382 1.5054	1.7110 1.4492	1.5822 1.3989	1.5786 1.3700	1.5456	Ave		1.5421			0.0100	8.3		20.0			
2-Chloronaphthalene	1.3119 1.1298	1.2573 1.0949	1.1833 1.0732	1.1920 1.0363	1.1795	Ave		1.1620			0.8000	7.6		20.0			
2-Nitroaniline	0.4424	0.3228 0.4442	0.3489 0.4281	0.3983 0.4198	0.4199	Ave		0.4031			0.0100	11.0		20.0			
Dimethyl phthalate	1.2250	1.3046 1.1901	1.2480 1.1306	1.2490 1.1063	1.2488	Ave		1.2128			0.0100	5.5		20.0			
1,3-Dinitrobenzene	0.2148	0.1418 0.2208	0.1424 0.2112	0.1739 0.2124	0.1993	Ave		0.1896				17.2		20.0			
2,6-Dinitrotoluene	0.3015	0.2515 0.2974	0.2744 0.2833	0.2734 0.2819	0.2878	Ave		0.2814				5.6		20.0			
Acenaphthylene	2.1239 1.9191	1.8953 1.8490	1.9145 1.7759	1.9143 1.7344	1.9293	Ave		1.8951			0.9000	5.8		20.0			
3-Nitroaniline	0.3684	0.2911 0.3658	0.3323 0.3564	0.3421 0.3575	0.3522	Ave		0.3457			0.0100	7.2		20.0			
2,4-Dinitrophenol	0.1226	+++++ 0.1490	0.0184 0.1495	0.0295 0.1498	0.0689	Lin	-0.576	0.1620			0.0100				0.9940		0.9900
Acenaphthene	1.4818 1.1919	1.3172 1.1478	1.2378 1.0901	1.2469 1.0790	1.2360	Ave		1.2254			0.9000	10.1		20.0			
4-Nitrophenol	0.2363	0.1350 0.2358	0.1725 0.2308	0.1994 0.2253	0.2085	Ave		0.2054				17.5		20.0			
2,4-Dinitrotoluene	0.3819	0.2653 0.3890	0.3195 0.3921	0.3356 0.3853	0.3775	Ave		0.3558			0.2000	12.7		20.0			
Dibenzofuran	1.9633 1.5887	1.8065 1.5423	1.6844 1.4828	1.6535 1.4457	1.6428	Ave		1.6455			0.8000	9.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.2882	0.2083 0.2752	0.2408 0.2694	0.2697 0.2698	0.2803	Ave		0.2627			0.0100	9.9		20.0			
Hexadecane	0.8423	0.9528 0.7419	0.9952 0.6898	0.9799 +++++	0.9285	Ave		0.8758				13.8		20.0			
Diethyl phthalate	1.1435	1.3219 1.1140	1.3222 1.0714	1.3321 1.0617	1.2828	Ave		1.2062			0.0100	9.9		20.0			
4-Chlorophenyl phenyl ether	0.5893	0.6305 0.5829	0.6266 0.5548	0.6099 0.5380	0.5949	Ave		0.5909			0.4000	5.5		20.0			
4-Nitroaniline	0.3862	0.2821 0.3889	0.3158 0.3676	0.3459 0.3461	0.3410	Ave		0.3467			0.0100	10.3		20.0			
Fluorene	1.4143 1.3000	1.3977 1.2358	1.3185 1.1690	1.3302 1.1121	1.3108	Ave		1.2876			0.9000	7.7		20.0			
4,6-Dinitro-2-methylphenol	0.1273	+++++ 0.1312	0.0456 0.1282	0.0664 0.1258	0.0946	Lin1	-0.215	0.1327			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5686	0.5541 0.4887	0.5453 0.4764	0.5445 0.4597	0.5726	Ave		0.5262			0.0100	8.4		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.1353	1.0022 0.9923	0.9840 0.9576	1.0232 0.9032	1.1113	Ave		1.0141				7.6		20.0			
Azobenzene	1.1352	1.0064 0.9924	0.9829 0.9577	1.0228 0.9034	1.1118	Ave		1.0141				7.6		20.0			
4-Bromophenyl phenyl ether	0.2076	0.1841 0.1792	0.1926 0.1792	0.1849 0.1705	0.1914	Ave		0.1862			0.1000	6.0		20.0			
Hexachlorobenzene	0.2326 0.2013	0.2025 0.1742	0.1926 0.1716	0.1883 0.1642	0.1879	Ave		0.1906			0.1000	10.8		20.0			
Atrazine	0.2016	0.1731 0.1708	0.1758 0.1648	0.1724 0.1578	0.1894	Ave		0.1757			0.0100	7.9		20.0			
n-Octadecane	0.5786	0.4969 0.4950	0.5220 0.4662	0.5373 0.4319	0.5750	Ave		0.5128				9.9		20.0			
Pentachlorophenol	0.1310	0.0630 0.1277	0.0723 0.1247	0.0870 0.1199	0.1058	Lin1	-0.089	0.1258			0.0500				0.9970		0.9900
Phenanthrene	1.3770 1.1812	1.2617 1.0880	1.2072 1.0839	1.1682 1.0482	1.1923	Ave		1.1786			0.7000	8.6		20.0			
Anthracene	1.1316 1.2010	1.1640 1.1155	1.1522 1.1046	1.1498 1.0751	1.1966	Ave		1.1434			0.7000	3.6		20.0			
Carbazole	1.1181	0.9855 1.0121	1.0010 0.9736	0.9681 0.9190	0.9888	Ave		0.9958			0.0100	5.7		20.0			
Di-n-butyl phthalate	1.4278	1.0543 1.2449	1.0537 1.1894	1.0836 1.1345	1.2603	Ave		1.1811			0.0100	10.9		20.0			
Fluoranthene	1.1437 1.2640	1.1063 1.1301	1.1177 1.0882	1.0757 1.0483	1.1538	Ave		1.1253			0.6000	5.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6951	0.3632 0.6772	0.4149 0.6916	0.4087 0.6334	0.5454	Lin1	-0.483	0.6732							0.9940		0.9900
Pyrene	1.2053 1.1794	1.2231 1.1038	1.2032 1.1259	1.1539 1.0853	1.2062	Ave		1.1651			0.6000	4.3		20.0			
Butyl benzyl phthalate	0.5806	0.4429 0.5620	0.4886 0.5776	0.4908 0.5538	0.5224	Ave		0.5273			0.0100	9.4		20.0			
Bis(2-ethylhexyl) phthalate	0.7846	0.5860 0.7590	0.6528 0.7817	0.6396 0.7552	0.7101	Ave		0.7086			0.0100	10.5		20.0			
3,3'-Dichlorobenzidine	0.3701	0.2827 0.3612	0.3127 0.3755	0.3218 0.3615	0.3555	Ave		0.3426			0.0100	9.6		20.0			
Benzo[a]anthracene	1.1876 1.1606	1.1259 1.0983	1.0942 1.1316	1.0394 1.1004	1.0862	Ave		1.1138			0.8000	3.9		20.0			
Chrysene	1.2471 1.1079	1.2562 1.0636	1.1353 1.0780	1.0870 1.0408	1.1277	Ave		1.1271			0.7000	6.8		20.0			
Di-n-octyl phthalate	1.5859	0.8921 1.6214	1.0660 1.6195	1.1495 1.5780	1.2347	Lin1	-0.537	1.6089			0.0100				0.9960		0.9900
Benzo[b]fluoranthene	0.6162 1.2204	0.9128 1.1527	0.9577 1.1512	1.0001 1.2028	1.0888	Ave		1.0336			0.7000	18.4		20.0			
Benzo[k]fluoranthene	1.3131 1.3193	1.3524 1.3266	1.2758 1.3571	1.3772 1.2656	1.4179	Ave		1.3339			0.7000	3.6		20.0			
Benzo[a]pyrene	0.8263 1.2313	1.0262 1.1934	1.0302 1.1949	1.0741 1.1922	1.1168	Ave		1.0984			0.7000	11.6		20.0			
Indeno[1,2,3-cd]pyrene	0.7163 1.2561	0.9705 1.2084	0.9906 1.2361	1.1154 1.2234	1.2408	Ave		1.1064			0.5000	16.5		20.0			
Dibenz(a,h)anthracene	0.5695 1.0470	0.7363 0.9974	0.7350 1.0228	0.8353 0.9987	0.9400	Ave		0.8758			0.4000	18.9		20.0			
Benzo[g,h,i]perylene	0.8647 1.0804	0.9477 1.0159	0.9127 1.0424	0.9792 1.0274	1.0726	Ave		0.9937			0.5000	7.4		20.0			
2-Fluorophenol (Surr)	1.5911	1.4167 1.5027	1.4944 1.5649	1.5041 1.4888	1.5108	Ave		1.5092				3.5		20.0			
Phenol-d5 (Surr)	2.0299	1.9547 1.8921	2.0082 1.9505	2.0039 1.8641	1.9846	Ave		1.9610				3.0		20.0			
Nitrobenzene-d5 (Surr)	0.5016 0.4763	0.4486 0.4608	0.4786 0.4646	0.4647 0.4426	0.4825	Ave		0.4689				3.9		20.0			
2-Fluorobiphenyl (Surr)	1.4656 1.2301	1.3221 1.1942	1.2848 1.1497	1.3000 1.1252	1.2728	Ave		1.2605				8.1		20.0			
2,4,6-Tribromophenol (Surr)	0.1475	0.1223 0.1518	0.1207 0.1515	0.1348 0.1508	0.1415	Ave		0.1401				9.2		20.0			
Terphenyl-d14 (Surr)	0.8153 0.7449	0.7288 0.7126	0.7158 0.7256	0.7120 0.7014	0.7254	Ave		0.7313				4.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-204569/6	51030006.D
Level 2	STD2 240-204569/5	51030005.D
Level 3	STD3 240-204569/4	51030004.D
Level 4	STD4 240-204569/3	51030003.D
Level 5	STD5 240-204569/2	51030002.D
Level 6	STD6 240-204569/10	51030010.D
Level 7	STD7 240-204569/9	51030009.D
Level 8	STD8 240-204569/8	51030008.D
Level 9	STD9 240-204569/7	51030007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	494720	19536 858757	45101 1002207	78767 1179056	175472	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	727704	30517 1251480	56167 1478705	115169 1720943	250359	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	1312692	58896 2213458	106918 2657332	210760 3089709	476330	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	1723444	91685 2685070	177371 3127261	317074 +++++	682758	20.0	1.00 30.0	2.00 40.0	4.00 +++++	10.0
Phenol	DCB	Ave	1372080	63332 2238592	118575 2635317	222038 3069128	498564	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1712782	76506 2822167	148036 3352650	275124 3961894	604786	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	1165184	55798 1883482	104386 2225987	193250 2628356	423165	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	1003857	42048 1668277	87538 1954843	158057 2306024	350205	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
n-Decane	DCB	Ave	1119398	54561 1822068	107256 2096772	191841 2454439	419214	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	1009832	45462 1668870	94475 1973407	169452 2320262	365782	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,4-Dichlorobenzene	DCB	Ave	1025527	49389 1693331	90973 2009125	172096 2369533	371977	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	700878	25624 1200789	52023 1423098	103687 1687761	241196	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	971991	48523 1612863	88066 1929773	165378 2258088	359358	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	1031858	45266 1698523	89970 2035078	159890 2387471	365511	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
bis (2-chloroisopropyl) ether	DCB	Ave	1297319	62059 2124999	121804 2502554	214776 2906661	472227	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indene	DCB	Ave	3425065	165574 5482764	328167 6429527	600362 7467270	1282574	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
3 & 4 Methylphenol	DCB	Ave	1058372	46991 1775344	86836 2093566	174167 2434286	381951	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	752762	32563 1232154	65716 1447920	120161 1673167	268296	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1496318	71901 2512010	132596 2963572	248987 3517556	555447	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	430693	20108 726077	37282 860465	69054 1026455	153202	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	1232535	52171 2048374	100394 2449663	197853 2964558	440896	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	2103531	86826 3593093	177542 4220065	331665 4994533	753179	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	491115	15975 847449	33482 989517	67890 1186326	168486	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	1039737	46374 1762498	91248 2058849	163677 2422628	380224	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Lin1	1142817	+++++ 2058098	38740 2498369	96930 2950073	285624	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	1244682	56184 2019878	110198 2388429	201525 2812442	452022	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	694975	27014 1188119	58010 1406299	105633 1691338	243177	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	780247	35565 1315136	70146 1554140	127842 1875881	288287	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	30876 2887186	135436 4803088	258393 5581735	472164 6624747	1038816	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1318658	54609 2228978	106325 2623952	193137 3120285	435662	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dichlorophenol	NPT	Ave	703637	30354 1185386	60242 1377629	106196 1675535	244055	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	414688	20438 699720	36299 823607	67299 988735	147804	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	644498	21257 1119070	48182 1324265	96949 1601386	215782	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	914986	33914 1557755	67831 1856825	130984 2233302	310185	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	15766 1840229	87848 3059284	162653 3541203	296237 4184178	663057	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Methylnaphthalene	NPT	Ave	15283 1630843	72788 2686399	141746 3131422	265761 3776979	581313	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 394044	11364 701729	24508 841298	49561 1008324	123507	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 671001	30988 1118594	60915 1285990	110930 1535750	239595	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 489154	17900 838872	37692 980224	71064 1181227	160076	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 501810	18213 870614	41236 1011498	70318 1235185	172716	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	19724 2091779	95650 3462991	183903 4026917	331864 4824900	728318	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	14887 1569866	70286 2616293	137533 3089513	250588 3649714	555820	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 614741	18048 1061375	40558 1232281	83742 1478539	197887	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1702173	72930 2843860	145058 3254556	262568 3896026	588480	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dinitrobenzene	ANT	Ave	 298485	7928 527703	16552 607955	36557 747972	93930	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 419004	14062 710781	31896 815429	57470 992797	135610	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	24100 2666569	105956 4418236	222529 5112162	402438 6108183	909132	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 511901	16275 874019	38619 1025857	71914 1259119	165953	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Lin	 340757	+++++ 711943	4284 860610	12410 1055304	64957	 20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
Acenaphthene	ANT	Ave	16814 1656128	73639 2742805	143873 3137970	262136 3799965	582412	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	 656716	15091 1126971	40091 1328703	83844 1586727	196469	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
2,4-Dinitrotoluene	ANT	Ave	 530683	14830 929601	37139 1128606	70558 1357003	177879	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	22278 2207518	100992 3685353	195779 4268396	347613 5091440	774124	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 400411	11644 657634	27986 775489	56691 950049	132098	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexadecane	ANT	Ave	 1170397	53266 1772939	115676 1985743	206004 +++++	437525	 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Diethyl phthalate	ANT	Ave	 1588885	73898 2662057	153677 3084203	280040 3739183	604505	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	818813	35249 1392937	72831 1597010	128218 1894710	280312	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	536627	15768 929211	36705 1058122	72711 1218830	160704	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	16049 1806392	78140 2952947	153249 3365070	279644 3916619	617655	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Lin1	540202	+++++ 1039361	18320 1201923	48290 1468698	142860	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
N-Nitrosodiphenylamine	PHN	Ave	2412476	107217 3871646	219238 4466925	395911 5367714	864865	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	2408330	96968 3930371	197817 4489206	372021 5272898	839206	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	2408283	97367 3930767	197585 4489447	371861 5274047	839582	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	440500	17809 709837	38709 840209	67242 995151	144527	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4393 427015	19589 690109	38717 804235	68470 958448	141862	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	855420	33504 1352914	70696 1545180	125346 1842351	286069	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
n-Octadecane	PHN	Ave	1227360	48071 1960495	104943 2185258	195341 2521202	434198	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Lin1	555699	12198 1011380	29080 1169285	63227 1399974	159821	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	26012 2505761	122072 4309272	242690 5081149	424735 6119446	900393	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	21376 2547843	112620 4418412	231620 5178390	418036 6276450	903640	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2371890	95351 4008777	201234 4564046	351979 5364842	746715	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	3028900	102002 4930803	211817 5575661	393979 6623099	951717	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	21605 2681466	107034 4476252	224697 5101161	391101 6120088	871324	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Lin1	3263077	68262 5801270	165601 6638385	293457 7576128	855611	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Pyrene	CRY	Ave	21112 2768391	114934 4728230	240149 5403729	414229 6491243	946189	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1362886	41616 2407141	97515 2772322	176174 3312554	409808	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1841586	55068 3251044	130297 3751555	229614 4516996	557021	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	1737283	53130 3094408	124821 3604860	231023 4323701	557748	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Benzo[a]anthracene	CRY	Ave	20802 2724169	105800 4704482	218392 5431316	373133 6581213	852065	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21844 2600462	118051 4555837	226582 5173767	390188 6225007	884584	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Lin1	3164188	72150 5868029	178621 6734392	343630 8162171	780776	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	9374 2434889	73820 4171749	160463 4786938	298966 6221630	688506	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	19974 2632345	109374 4801140	213764 5643347	411682 6546419	896627	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	12569 2456604	82995 4319074	172613 4968958	321073 6166812	706216	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	10896 2506233	78485 4373399	165972 5139962	333419 6327726	784631	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	8663 2089005	59548 3609922	123160 4253007	249705 5165905	594408	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	13154 2155633	76647 3676705	152929 4334830	292707 5314104	678278	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	998997	41294 1670627	84646 1982372	157568 2316746	349930	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1274518	56976 2103557	113748 2470874	209937 2900830	459672	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	11780 1279836	52185 2181131	108855 2622430	199480 3089135	456387	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	16631 1709206	73911 2853677	149335 3309526	273305 3962722	599773	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	204995	6837 362734	14034 436170	28334 531122	66695	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	14281 1748429	68485 3052200	142868 3482351	255585 4195262	569027	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID (1): CCV 240-206233/2 CCVIS Instrument ID (1): A4HP9

GC Column (1): RXI-5SILMS ID: 0.45(mm) Date Analyzed (1): 11/11/2015 07:49

ANALYTE	RT	RESOLUTION (%)
2-Fluorophenol (Surr)	5.04	100.0
Benzaldehyde	5.89	100.0
Phenol-d5 (Surr)	5.95	100.0
Phenol	5.96	100.0
Bis(2-chloroethyl)ether	6.03	100.0
2-Chlorophenol	6.12	100.0
2-Methylphenol	6.50	100.0
bis (2-chloroisopropyl) ether	6.52	100.0
N-Nitrosodi-n-propylamine	6.63	100.0
3 & 4 Methylphenol	6.63	100.0
Acetophenone	6.64	100.0
Hexachloroethane	6.76	100.0
Nitrobenzene-d5 (Surr)	6.78	100.0
Nitrobenzene	6.80	100.0
Isophorone	7.00	100.0
2-Nitrophenol	7.08	100.0
2,4-Dimethylphenol	7.09	100.0
Bis(2-chloroethoxy)methane	7.16	100.0
2,4-Dichlorophenol	7.29	100.0
Naphthalene	7.44	100.0
4-Chloroaniline	7.46	100.0
Hexachlorobutadiene	7.54	100.0
Caprolactam	7.75	100.0
4-Chloro-3-methylphenol	7.86	100.0
2-Methylnaphthalene	8.02	100.0
Hexachlorocyclopentadiene	8.16	100.0
2,4,6-Trichlorophenol	8.26	100.0
2,4,5-Trichlorophenol	8.30	100.0
2-Fluorobiphenyl (Surr)	8.32	100.0
1,1'-Biphenyl	8.41	100.0
2-Chloronaphthalene	8.45	100.0
2-Nitroaniline	8.51	100.0
Dimethyl phthalate	8.64	100.0
2,6-Dinitrotoluene	8.70	100.0
Acenaphthylene	8.80	100.0
3-Nitroaniline	8.86	100.0
2,4-Dinitrophenol	8.94	100.0
Acenaphthene	8.95	100.0
4-Nitrophenol	8.98	100.0
2,4-Dinitrotoluene	9.05	100.0
Dibenzofuran	9.09	100.0
Diethyl phthalate	9.23	100.0
4-Chlorophenyl phenyl ether	9.36	100.0
4-Nitroaniline	9.38	100.0
Fluorene	9.39	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID (1): CCV 240-206233/2 CCVIS Instrument ID (1): A4HP9

GC Column (1): RXI-5SILMS ID: 0.45(mm) Date Analyzed (1): 11/11/2015 07:49

ANALYTE	RT	RESOLUTION (%)
4,6-Dinitro-2-methylphenol	9.40	100.0
N-Nitrosodiphenylamine	9.45	100.0
2,4,6-Tribromophenol (Surr)	9.59	100.0
4-Bromophenyl phenyl ether	9.78	100.0
Hexachlorobenzene	9.87	100.0
Atrazine	9.88	100.0
Pentachlorophenol	10.02	100.0
Phenanthrene	10.21	100.0
Anthracene	10.25	100.0
Carbazole	10.37	100.0
Di-n-butyl phthalate	10.60	100.0
Fluoranthene	11.22	100.0
Pyrene	11.42	100.0
Terphenyl-d14 (Surr)	11.51	100.0
Butyl benzyl phthalate	11.88	100.0
Bis(2-ethylhexyl) phthalate	12.35	100.0
3,3'-Dichlorobenzidine	12.39	100.0
Benzo[a]anthracene	12.45	100.0
Chrysene	12.49	100.0
Di-n-octyl phthalate	12.98	100.0
Benzo[b]fluoranthene	13.65	35.70
Benzo[k]fluoranthene	13.68	100.0
Benzo[a]pyrene	14.10	100.0
Indeno[1,2,3-cd]pyrene	16.06	100.0
Dibenz(a,h)anthracene	16.07	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID (1): CCV 240-206256/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/11/2015 09:34

ANALYTE	RT	RESOLUTION (%)
2-Fluorophenol (Surr)	4.95	100.0
Benzaldehyde	5.76	100.0
Phenol-d5 (Surr)	5.82	100.0
Phenol	5.84	100.0
Bis(2-chloroethyl)ether	5.89	100.0
2-Chlorophenol	5.98	100.0
2-Methylphenol	6.36	100.0
bis (2-chloroisopropyl) ether	6.38	100.0
N-Nitrosodi-n-propylamine	6.49	100.0
Acetophenone	6.50	100.0
3 & 4 Methylphenol	6.50	100.0
Hexachloroethane	6.61	100.0
Nitrobenzene-d5 (Surr)	6.63	100.0
Nitrobenzene	6.65	100.0
Isophorone	6.85	100.0
2-Nitrophenol	6.93	100.0
2,4-Dimethylphenol	6.96	100.0
Bis(2-chloroethoxy)methane	7.02	100.0
2,4-Dichlorophenol	7.15	100.0
Naphthalene	7.29	100.0
4-Chloroaniline	7.32	100.0
Hexachlorobutadiene	7.39	100.0
Caprolactam	7.61	100.0
4-Chloro-3-methylphenol	7.73	100.0
2-Methylnaphthalene	7.88	100.0
Hexachlorocyclopentadiene	8.02	100.0
2,4,6-Trichlorophenol	8.12	100.0
2,4,5-Trichlorophenol	8.16	100.0
2-Fluorobiphenyl (Surr)	8.18	100.0
1,1'-Biphenyl	8.27	100.0
2-Chloronaphthalene	8.30	100.0
2-Nitroaniline	8.37	100.0
Dimethyl phthalate	8.50	100.0
2,6-Dinitrotoluene	8.56	100.0
Acenaphthylene	8.66	100.0
3-Nitroaniline	8.71	100.0
Acenaphthene	8.80	100.0
2,4-Dinitrophenol	8.81	100.0
4-Nitrophenol	8.86	100.0
2,4-Dinitrotoluene	8.91	100.0
Dibenzofuran	8.95	100.0
Diethyl phthalate	9.09	100.0
4-Chlorophenyl phenyl ether	9.21	100.0
4-Nitroaniline	9.24	100.0
Fluorene	9.24	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID (1): CCV 240-206256/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/11/2015 09:34

ANALYTE	RT	RESOLUTION (%)
4,6-Dinitro-2-methylphenol	9.27	100.0
N-Nitrosodiphenylamine	9.31	100.0
2,4,6-Tribromophenol (Surr)	9.45	100.0
4-Bromophenyl phenyl ether	9.63	100.0
Hexachlorobenzene	9.72	100.0
Atrazine	9.74	100.0
Pentachlorophenol	9.88	100.0
Phenanthrene	10.06	100.0
Anthracene	10.11	100.0
Carbazole	10.23	100.0
Di-n-butyl phthalate	10.46	100.0
Fluoranthene	11.09	100.0
Pyrene	11.32	100.0
Terphenyl-d14 (Surr)	11.42	100.0
Butyl benzyl phthalate	11.91	100.0
Bis(2-ethylhexyl) phthalate	12.61	100.0
3,3'-Dichlorobenzidine	12.62	100.0
Benzo[a]anthracene	12.69	100.0
Chrysene	12.74	100.0
Di-n-octyl phthalate	13.54	100.0
Benzo[b]fluoranthene	14.28	25.90
Benzo[k]fluoranthene	14.33	100.0
Benzo[a]pyrene	14.80	100.0
Indeno[1,2,3-cd]pyrene	16.67	100.0
Dibenz(a,h)anthracene	16.68	100.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6903	0.6472		9.38	10.0	-6.2	30.0
N-Nitrosodimethylamine	Ave	0.9253	0.7776		8.40	10.0	-16.0	30.0
Pyridine	Ave	1.684	1.634		9.70	10.0	-3.0	30.0
Benzaldehyde	Ave	1.111	1.071	0.0100	19.3	20.0	-3.6	30.0
Phenol	Ave	1.891	1.832	0.8000	9.69	10.0	-3.1	30.0
Aniline	Ave	2.402	2.297		9.57	10.0	-4.3	30.0
Bis(2-chloroethyl)ether	Ave	1.506	1.415	0.7000	9.40	10.0	-6.0	30.0
2-Chlorophenol	Ave	1.543	1.512	0.8000	9.80	10.0	-2.0	30.0
n-Decane	Ave	1.911	1.813		9.48	10.0	-5.2	30.0
1,3-Dichlorobenzene	Ave	1.579	1.531		9.69	10.0	-3.1	30.0
1,4-Dichlorobenzene	Ave	1.615	1.563		9.68	10.0	-3.2	30.0
Benzyl alcohol	Ave	1.025	0.9929		9.69	10.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.531	1.463		9.56	10.0	-4.4	30.0
2-Methylphenol	Ave	1.412	1.403	0.7000	9.93	10.0	-0.7	30.0
bis (2-chloroisopropyl) ether	Ave	2.121	2.000		9.43	10.0	-5.7	30.0
Indene	Ave	2.534	2.356		18.6	20.0	-7.0	30.0
3 & 4 Methylphenol	Ave	1.469	1.437		9.78	10.0	-2.2	30.0
N-Nitrosodi-n-propylamine	Ave	0.8785	0.8794	0.5000	10.0	10.0	0.1	30.0
Acetophenone	Ave	1.988	1.939	0.0100	9.76	10.0	-2.4	30.0
Hexachloroethane	Ave	0.6359	0.6318	0.3000	9.94	10.0	-0.6	30.0
Nitrobenzene	Ave	0.3694	0.3535	0.2000	9.57	10.0	-4.3	30.0
Isophorone	Ave	0.6852	0.6871	0.4000	10.0	10.0	0.3	30.0
2-Nitrophenol	Ave	0.1669	0.1805	0.1000	10.8	10.0	8.1	30.0
2,4-Dimethylphenol	Ave	0.3580	0.3438	0.2000	9.61	10.0	-3.9	30.0
Benzoic acid	Lin1		0.2265		21.2	20.0	5.9	30.0
Bis(2-chloroethoxy)methane	Ave	0.4236	0.4028	0.3000	9.51	10.0	-4.9	30.0
2,4-Dichlorophenol	Ave	0.2940	0.2826	0.2000	9.61	10.0	-3.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3022	0.2949		9.76	10.0	-2.4	30.0
Naphthalene	Ave	1.084	1.032	0.7000	9.52	10.0	-4.8	30.0
4-Chloroaniline	Ave	0.4756	0.4464	0.0100	9.39	10.0	-6.1	30.0
2,6-Dichlorophenol	Ave	0.2949	0.2868		9.73	10.0	-2.7	30.0
Hexachlorobutadiene	Ave	0.1868	0.1827	0.0100	9.78	10.0	-2.2	30.0
Caprolactam	Ave	0.1164	0.1183	0.0100	20.3	20.0	1.6	30.0
4-Chloro-3-methylphenol	Ave	0.3033	0.2997	0.2000	9.88	10.0	-1.2	30.0
2-Methylnaphthalene	Ave	0.7006	0.6481	0.4000	9.25	10.0	-7.5	30.0
1-Methylnaphthalene	Ave	0.6254	0.6114		9.78	10.0	-2.2	30.0
Hexachlorocyclopentadiene	Ave	0.2689	0.2968	0.0500	11.0	10.0	10.4	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4998	0.4717	0.0100	9.44	10.0	-5.6	30.0
2,4,6-Trichlorophenol	Ave	0.3619	0.3701	0.2000	10.2	10.0	2.3	30.0
2,4,5-Trichlorophenol	Ave	0.3794	0.3824	0.2000	10.1	10.0	0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.409	1.323	0.0100	9.39	10.0	-6.1	30.0
2-Chloronaphthalene	Ave	1.182	1.109	0.8000	9.38	10.0	-6.2	30.0
2-Nitroaniline	Ave	0.3503	0.3633	0.0100	10.4	10.0	3.7	30.0
Dimethyl phthalate	Ave	1.285	1.249	0.0100	9.72	10.0	-2.8	30.0
1,3-Dinitrobenzene	Lin1		0.2089		10.0	10.0	0.3	30.0
2,6-Dinitrotoluene	Ave	0.2818	0.2952		10.5	10.0	4.8	30.0
Acenaphthylene	Ave	1.763	1.642	0.9000	9.31	10.0	-6.9	30.0
3-Nitroaniline	Ave	0.3239	0.3357	0.0100	10.4	10.0	3.6	30.0
2,4-Dinitrophenol	Lin1		0.1483	0.0100	20.9	20.0	4.7	30.0
Acenaphthene	Ave	1.075	1.012	0.9000	9.41	10.0	-5.9	30.0
4-Nitrophenol	Ave	0.1702	0.1772		20.8	20.0	4.1	30.0
2,4-Dinitrotoluene	Ave	0.3666	0.3977	0.2000	10.8	10.0	8.5	30.0
Dibenzofuran	Ave	1.623	1.525	0.8000	9.39	10.0	-6.1	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3179	0.3218	0.0100	10.1	10.0	1.2	30.0
Diethyl phthalate	Ave	1.172	1.149	0.0100	9.80	10.0	-2.0	30.0
Hexadecane	Ave	0.5546	0.5084		9.17	10.0	-8.3	30.0
4-Chlorophenyl phenyl ether	Ave	0.6110	0.5884	0.4000	9.63	10.0	-3.7	30.0
4-Nitroaniline	Ave	0.3149	0.3341	0.0100	10.6	10.0	6.1	30.0
Fluorene	Ave	1.322	1.271	0.9000	9.61	10.0	-3.9	30.0
4,6-Dinitro-2-methylphenol	Lin1		0.1420	0.0100	20.8	20.0	3.8	30.0
N-Nitrosodiphenylamine	Ave	0.5710	0.5568	0.0100	19.5	20.0	-2.5	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7994	0.8227		10.3	10.0	2.9	30.0
Azobenzene	Ave	0.7997	0.8228		10.3	10.0	2.9	30.0
4-Bromophenyl phenyl ether	Ave	0.2298	0.2289	0.1000	9.96	10.0	-0.4	30.0
Hexachlorobenzene	Ave	0.2582	0.2429	0.1000	9.41	10.0	-5.9	30.0
Atrazine	Ave	0.2140	0.2028	0.0100	19.0	20.0	-5.2	30.0
n-Octadecane	Qua		0.7442		9.66	10.0	-3.4	30.0
Pentachlorophenol	Ave	0.1432	0.1612	0.0500	22.5	20.0	12.5	30.0
Phenanthrene	Ave	1.177	1.107	0.7000	9.41	10.0	-5.9	30.0
Anthracene	Ave	1.190	1.153	0.7000	9.69	10.0	-3.1	30.0
Carbazole	Ave	1.127	1.062	0.0100	9.42	10.0	-5.8	30.0
Di-n-butyl phthalate	Ave	1.380	1.370	0.0100	9.93	10.0	-0.7	30.0
Fluoranthene	Ave	1.321	1.260	0.6000	9.54	10.0	-4.6	30.0
Benzidine	Ave	0.5843	0.5955		20.4	20.0	1.9	30.0
Pyrene	Ave	1.135	1.058	0.6000	9.33	10.0	-6.7	30.0
Butyl benzyl phthalate	Ave	0.5142	0.5113	0.0100	9.94	10.0	-0.6	30.0
3,3'-Dichlorobenzidine	Ave	0.3952	0.3739	0.0100	18.9	20.0	-5.4	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.6579	0.6437	0.0100	9.78	10.0	-2.2	30.0
Benzo[a]anthracene	Ave	1.126	1.090	0.8000	9.68	10.0	-3.2	30.0
Chrysene	Ave	1.076	1.070	0.7000	9.95	10.0	-0.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.371	1.402	0.0100	10.2	10.0	2.3	30.0
Benzo[b]fluoranthene	Ave	1.128	1.130	0.7000	10.0	10.0	0.2	30.0
Benzo[k]fluoranthene	Ave	1.274	1.168	0.7000	9.17	10.0	-8.3	30.0
Benzo[a]pyrene	Ave	1.120	1.096	0.7000	9.78	10.0	-2.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.233	1.234	0.5000	10.0	10.0	0.0	30.0
Dibenz(a,h)anthracene	Ave	1.024	1.069	0.4000	10.4	10.0	4.4	30.0
Benzo[g,h,i]perylene	Ave	1.092	1.107	0.5000	10.1	10.0	1.3	30.0
2-Fluorophenol (Surr)	Ave	1.486	1.530		10.3	10.0	3.0	30.0
Phenol-d5 (Surr)	Ave	1.814	1.897		10.5	10.0	4.6	30.0
Nitrobenzene-d5 (Surr)	Ave	0.3982	0.4088		10.3	10.0	2.6	30.0
2-Fluorobiphenyl (Surr)	Ave	1.297	1.284		9.90	10.0	-1.0	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1891	0.2114		11.2	10.0	11.8	30.0
Terphenyl-d14 (Surr)	Ave	0.7619	0.7747		10.2	10.0	1.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6903	0.5705		8.27	10.0	-17.3	20.0
N-Nitrosodimethylamine	Ave	0.9253	0.7500		8.11	10.0	-18.9	20.0
Pyridine	Ave	1.684	1.387		8.23	10.0	-17.7	20.0
Benzaldehyde	Ave	1.111	0.6352	0.0100	11.4	20.0	-42.8*	20.0
Phenol	Ave	1.891	1.893	0.8000	10.0	10.0	0.0	20.0
Aniline	Ave	2.402	2.168		9.03	10.0	-9.7	20.0
Bis(2-chloroethyl)ether	Ave	1.506	1.420	0.7000	9.43	10.0	-5.7	20.0
2-Chlorophenol	Ave	1.543	1.438	0.8000	9.32	10.0	-6.8	20.0
n-Decane	Ave	1.911	1.929		10.1	10.0	0.9	20.0
1,3-Dichlorobenzene	Ave	1.579	1.537		9.73	10.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.615	1.575		9.76	10.0	-2.4	20.0
Benzyl alcohol	Ave	1.025	0.3563		3.48	10.0	-65.2*	20.0
1,2-Dichlorobenzene	Ave	1.531	1.486		9.70	10.0	-3.0	20.0
2-Methylphenol	Ave	1.412	1.308	0.7000	9.27	10.0	-7.3	20.0
bis (2-chloroisopropyl) ether	Ave	2.121	2.250		10.6	10.0	6.1	20.0
Indene	Ave	2.534	2.469		19.5	20.0	-2.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.8785	0.8567	0.5000	9.75	10.0	-2.5	20.0
3 & 4 Methylphenol	Ave	1.469	1.380		9.39	10.0	-6.1	20.0
Acetophenone	Ave	1.988	1.975	0.0100	9.93	10.0	-0.7	20.0
Hexachloroethane	Ave	0.6359	0.6671	0.3000	10.5	10.0	4.9	20.0
Nitrobenzene	Ave	0.3694	0.3589	0.2000	9.72	10.0	-2.8	20.0
Isophorone	Ave	0.6852	0.6730	0.4000	9.82	10.0	-1.8	20.0
2-Nitrophenol	Ave	0.1669	0.1844	0.1000	11.0	10.0	10.5	20.0
2,4-Dimethylphenol	Ave	0.3580	0.3249	0.2000	9.07	10.0	-9.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.4236	0.4023	0.3000	9.50	10.0	-5.0	20.0
Benzoic acid	Lin1		0.1787		17.0	20.0	-15.1	20.0
2,4-Dichlorophenol	Ave	0.2940	0.2941	0.2000	10.0	10.0	0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3022	0.3090		10.2	10.0	2.2	20.0
Naphthalene	Ave	1.084	1.060	0.7000	9.78	10.0	-2.2	20.0
4-Chloroaniline	Ave	0.4756	0.4439	0.0100	9.33	10.0	-6.7	20.0
2,6-Dichlorophenol	Ave	0.2949	0.2816		9.55	10.0	-4.5	20.0
Hexachlorobutadiene	Ave	0.1868	0.1936	0.0100	10.4	10.0	3.6	20.0
Caprolactam	Ave	0.1164	0.1013	0.0100	17.4	20.0	-12.9	20.0
4-Chloro-3-methylphenol	Ave	0.3033	0.3014	0.2000	9.94	10.0	-0.6	20.0
2-Methylnaphthalene	Ave	0.7006	0.6945	0.4000	9.91	10.0	-0.9	20.0
1-Methylnaphthalene	Ave	0.6254	0.6095		9.75	10.0	-2.5	20.0
Hexachlorocyclopentadiene	Ave	0.2689	0.1923	0.0500	7.15	10.0	-28.5*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4998	0.5133	0.0100	10.3	10.0	2.7	20.0
2,4,6-Trichlorophenol	Ave	0.3619	0.3550	0.2000	9.81	10.0	-1.9	20.0
2,4,5-Trichlorophenol	Ave	0.3794	0.3767	0.2000	9.93	10.0	-0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 | Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 | Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) | Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.409	1.370	0.0100	9.72	10.0	-2.8	20.0
2-Chloronaphthalene	Ave	1.182	1.123	0.8000	9.50	10.0	-5.0	20.0
2-Nitroaniline	Ave	0.3503	0.3581	0.0100	10.2	10.0	2.2	20.0
Dimethyl phthalate	Ave	1.285	1.285	0.0100	10.0	10.0	0.0	20.0
1,3-Dinitrobenzene	Lin1		0.2007		9.65	10.0	-3.5	20.0
2,6-Dinitrotoluene	Ave	0.2818	0.2901		10.3	10.0	3.0	20.0
Acenaphthylene	Ave	1.763	1.739	0.9000	9.87	10.0	-1.3	20.0
3-Nitroaniline	Ave	0.3239	0.3137	0.0100	9.68	10.0	-3.2	20.0
Acenaphthene	Ave	1.075	1.050	0.9000	9.77	10.0	-2.3	20.0
2,4-Dinitrophenol	Lin1		0.1133	0.0100	16.5	20.0	-17.5	20.0
4-Nitrophenol	Ave	0.1702	0.1831		21.5	20.0	7.6	20.0
2,4-Dinitrotoluene	Ave	0.3666	0.3849	0.2000	10.5	10.0	5.0	20.0
Dibenzofuran	Ave	1.623	1.575	0.8000	9.70	10.0	-3.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3179	0.2913	0.0100	9.16	10.0	-8.4	20.0
Diethyl phthalate	Ave	1.172	1.234	0.0100	10.5	10.0	5.3	20.0
Hexadecane	Ave	0.5546	0.5740		10.3	10.0	3.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6110	0.5883	0.4000	9.63	10.0	-3.7	20.0
4-Nitroaniline	Ave	0.3149	0.2932	0.0100	9.31	10.0	-6.9	20.0
Fluorene	Ave	1.322	1.299	0.9000	9.82	10.0	-1.8	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1067	0.0100	16.0	20.0	-20.0	20.0
N-Nitrosodiphenylamine	Ave	0.5710	0.5894	0.0100	20.6	20.0	3.2	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7994	0.7848		9.81	10.0	-1.8	20.0
Azobenzene	Ave	0.7997	0.7841		9.80	10.0	-2.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2298	0.2307	0.1000	10.0	10.0	0.4	20.0
Hexachlorobenzene	Ave	0.2582	0.2467	0.1000	9.55	10.0	-4.5	20.0
Atrazine	Ave	0.2140	0.2111	0.0100	19.7	20.0	-1.4	20.0
n-Octadecane	Qua		0.9708		13.8	10.0	37.9*	20.0
Pentachlorophenol	Ave	0.1432	0.1286	0.0500	18.0	20.0	-10.2	20.0
Phenanthrene	Ave	1.177	1.137	0.7000	9.66	10.0	-3.4	20.0
Anthracene	Ave	1.190	1.146	0.7000	9.63	10.0	-3.7	20.0
Carbazole	Ave	1.127	1.044	0.0100	9.26	10.0	-7.4	20.0
Di-n-butyl phthalate	Ave	1.380	1.388	0.0100	10.1	10.0	0.6	20.0
Fluoranthene	Ave	1.321	1.235	0.6000	9.35	10.0	-6.5	20.0
Benzidine	Ave	0.5843	0.3860		13.2	20.0	-33.9*	20.0
Pyrene	Ave	1.135	1.113	0.6000	9.81	10.0	-1.9	20.0
Butyl benzyl phthalate	Ave	0.5142	0.5301	0.0100	10.3	10.0	3.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6579	0.7290	0.0100	11.1	10.0	10.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3952	0.3826	0.0100	19.4	20.0	-3.2	20.0
Benzo[a]anthracene	Ave	1.126	1.060	0.8000	9.41	10.0	-5.9	20.0
Chrysene	Ave	1.076	0.9787	0.7000	9.10	10.0	-9.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.371	1.497	0.0100	10.9	10.0	9.2	20.0
Benzo[b]fluoranthene	Ave	1.128	1.167	0.7000	10.3	10.0	3.5	20.0
Benzo[k]fluoranthene	Ave	1.274	1.217	0.7000	9.55	10.0	-4.5	20.0
Benzo[a]pyrene	Ave	1.120	1.130	0.7000	10.1	10.0	0.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.233	1.265	0.5000	10.3	10.0	2.6	20.0
Dibenz(a,h)anthracene	Ave	1.024	1.075	0.4000	10.5	10.0	5.0	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.055	0.5000	9.66	10.0	-3.4	20.0
2-Fluorophenol (Surr)	Ave	1.486	1.313		8.83	10.0	-11.7	20.0
Phenol-d5 (Surr)	Ave	1.814	1.632		9.00	10.0	-10.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3982	0.3544		8.90	10.0	-11.0	20.0
2-Fluorobiphenyl (Surr)	Ave	1.297	1.228		9.47	10.0	-5.3	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1891	0.1700		8.99	10.0	-10.1	20.0
Terphenyl-d14 (Surr)	Ave	0.7619	0.7712		10.1	10.0	1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7606	0.7555		9.93	10.0	-0.7	30.0
N-Nitrosodimethylamine	Ave	1.097	0.9653		8.80	10.0	-12.0	30.0
Pyridine	Ave	2.018	1.970		9.76	10.0	-2.4	30.0
Benzaldehyde	Ave	1.420	1.308	0.0100	18.4	20.0	-7.9	30.0
Phenol	Ave	2.099	2.079	0.8000	9.91	10.0	-0.9	30.0
Aniline	Ave	2.617	2.563		9.79	10.0	-2.1	30.0
Bis(2-chloroethyl)ether	Ave	1.803	1.702	0.7000	9.44	10.0	-5.6	30.0
2-Chlorophenol	Ave	1.517	1.526	0.8000	10.1	10.0	0.6	30.0
n-Decane	Ave	1.758	1.658		9.44	10.0	-5.6	30.0
1,3-Dichlorobenzene	Ave	1.573	1.505		9.57	10.0	-4.3	30.0
1,4-Dichlorobenzene	Ave	1.602	1.552		9.69	10.0	-3.1	30.0
Benzyl alcohol	Ave	1.029	1.068		10.4	10.0	3.8	30.0
1,2-Dichlorobenzene	Ave	1.540	1.462		9.49	10.0	-5.1	30.0
2-Methylphenol	Ave	1.570	1.558	0.7000	9.93	10.0	-0.7	30.0
bis (2-chloroisopropyl) ether	Ave	2.024	1.968		9.73	10.0	-2.7	30.0
Indene	Ave	2.688	2.473		18.4	20.0	-8.0	30.0
3 & 4 Methylphenol	Ave	1.620	1.612		9.96	10.0	-0.4	30.0
N-Nitrosodi-n-propylamine	Ave	1.139	1.142	0.5000	10.0	10.0	0.3	30.0
Acetophenone	Ave	2.353	2.256	0.0100	9.59	10.0	-4.1	30.0
Hexachloroethane	Ave	0.6683	0.6557	0.3000	9.81	10.0	-1.9	30.0
Nitrobenzene	Ave	0.4459	0.4395	0.2000	9.86	10.0	-1.4	30.0
Isophorone	Ave	0.7626	0.7927	0.4000	10.4	10.0	3.9	30.0
2-Nitrophenol	Ave	0.1660	0.1808	0.1000	10.9	10.0	8.9	30.0
2,4-Dimethylphenol	Ave	0.3818	0.3725	0.2000	9.76	10.0	-2.4	30.0
Benzoic acid	Lin1		0.2152		20.9	20.0	4.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4539	0.4473	0.3000	9.86	10.0	-1.4	30.0
2,4-Dichlorophenol	Ave	0.2489	0.2521	0.2000	10.1	10.0	1.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2911	0.2788		9.58	10.0	-4.2	30.0
Naphthalene	Ave	1.093	1.042	0.7000	9.53	10.0	-4.7	30.0
4-Chloroaniline	Ave	0.4651	0.4784	0.0100	10.3	10.0	2.9	30.0
2,6-Dichlorophenol	Ave	0.2535	0.2551		10.1	10.0	0.6	30.0
Hexachlorobutadiene	Ave	0.1548	0.1494	0.0100	9.65	10.0	-3.5	30.0
Caprolactam	Ave	0.1118	0.1204	0.0100	21.5	20.0	7.7	30.0
4-Chloro-3-methylphenol	Ave	0.3177	0.3422	0.2000	10.8	10.0	7.7	30.0
2-Methylnaphthalene	Ave	0.6768	0.6510	0.4000	9.62	10.0	-3.8	30.0
1-Methylnaphthalene	Ave	0.6004	0.6115		10.2	10.0	1.9	30.0
Hexachlorocyclopentadiene	Ave	0.2585	0.2932	0.0500	11.3	10.0	13.4	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4935	0.4572	0.0100	9.26	10.0	-7.4	30.0
2,4,6-Trichlorophenol	Ave	0.3377	0.3579	0.2000	10.6	10.0	6.0	30.0
2,4,5-Trichlorophenol	Ave	0.3511	0.3667	0.2000	10.4	10.0	4.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.542	1.453	0.0100	9.42	10.0	-5.8	30.0
2-Chloronaphthalene	Ave	1.162	1.117	0.8000	9.62	10.0	-3.8	30.0
2-Nitroaniline	Ave	0.4031	0.4426	0.0100	11.0	10.0	9.8	30.0
Dimethyl phthalate	Ave	1.213	1.228	0.0100	10.1	10.0	1.2	30.0
1,3-Dinitrobenzene	Ave	0.1896	0.2188		11.5	10.0	15.4	30.0
2,6-Dinitrotoluene	Ave	0.2814	0.2991		10.6	10.0	6.3	30.0
Acenaphthylene	Ave	1.895	1.849	0.9000	9.76	10.0	-2.4	30.0
3-Nitroaniline	Ave	0.3457	0.3664	0.0100	10.6	10.0	6.0	30.0
2,4-Dinitrophenol	Lin		0.1277	0.0100	19.3	20.0	-3.4	30.0
Acenaphthene	Ave	1.225	1.185	0.9000	9.67	10.0	-3.3	30.0
4-Nitrophenol	Ave	0.2054	0.2330		22.7	20.0	13.4	30.0
2,4-Dinitrotoluene	Ave	0.3558	0.3806	0.2000	10.7	10.0	7.0	30.0
Dibenzofuran	Ave	1.646	1.554	0.8000	9.44	10.0	-5.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2627	0.2874	0.0100	10.9	10.0	9.4	30.0
Diethyl phthalate	Ave	1.206	1.131	0.0100	9.38	10.0	-6.2	30.0
Hexadecane	Ave	0.8758	0.8247		9.42	10.0	-5.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.5909	0.5890	0.4000	9.97	10.0	-0.3	30.0
4-Nitroaniline	Ave	0.3467	0.3816	0.0100	11.0	10.0	10.1	30.0
Fluorene	Ave	1.288	1.273	0.9000	9.89	10.0	-1.1	30.0
4,6-Dinitro-2-methylphenol	Lin1		0.1284	0.0100	21.0	20.0	4.8	30.0
N-Nitrosodiphenylamine	Ave	0.5262	0.5266	0.0100	20.0	20.0	0.0	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.014	1.113		11.0	10.0	9.8	30.0
Azobenzene	Ave	1.014	1.112		11.0	10.0	9.7	30.0
4-Bromophenyl phenyl ether	Ave	0.1862	0.1987	0.1000	10.7	10.0	6.7	30.0
Hexachlorobenzene	Ave	0.1906	0.1906	0.1000	10.0	10.0	0.0	30.0
Atrazine	Ave	0.1757	0.1916	0.0100	21.8	20.0	9.0	30.0
n-Octadecane	Ave	0.5128	0.5469		10.7	10.0	6.6	30.0
Pentachlorophenol	Lin1		0.1354	0.0500	22.2	20.0	11.1	30.0
Phenanthrene	Ave	1.179	1.105	0.7000	9.38	10.0	-6.2	30.0
Anthracene	Ave	1.143	1.148	0.7000	10.0	10.0	0.4	30.0
Carbazole	Ave	0.996	1.069	0.0100	10.7	10.0	7.3	30.0
Di-n-butyl phthalate	Ave	1.181	1.389	0.0100	11.8	10.0	17.6	30.0
Fluoranthene	Ave	1.125	1.216	0.6000	10.8	10.0	8.0	30.0
Benzidine	Lin1		0.6541		20.2	20.0	0.8	30.0
Pyrene	Ave	1.165	1.126	0.6000	9.66	10.0	-3.4	30.0
Butyl benzyl phthalate	Ave	0.5273	0.5758	0.0100	10.9	10.0	9.2	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7086	0.7773	0.0100	11.0	10.0	9.7	30.0
3,3'-Dichlorobenzidine	Ave	0.3426	0.3569	0.0100	20.8	20.0	4.2	30.0
Benzo[a]anthracene	Ave	1.114	1.131	0.8000	10.2	10.0	1.6	30.0
Chrysene	Ave	1.127	1.120	0.7000	9.93	10.0	-0.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Lin1		1.598	0.0100	10.3	10.0	2.7	30.0
Benzo[b]fluoranthene	Ave	1.034	1.155	0.7000	11.2	10.0	11.8	30.0
Benzo[k]fluoranthene	Ave	1.334	1.317	0.7000	9.87	10.0	-1.3	30.0
Benzo[a]pyrene	Ave	1.098	1.155	0.7000	10.5	10.0	5.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.106	1.175	0.5000	10.6	10.0	6.2	30.0
Dibenz(a,h)anthracene	Ave	0.8758	0.9878	0.4000	11.3	10.0	12.8	30.0
Benzo[g,h,i]perylene	Ave	0.9937	1.012	0.5000	10.2	10.0	1.9	30.0
2-Fluorophenol (Surr)	Ave	1.509	1.588		10.5	10.0	5.2	30.0
Phenol-d5 (Surr)	Ave	1.961	2.063		10.5	10.0	5.2	30.0
Nitrobenzene-d5 (Surr)	Ave	0.4689	0.4903		10.5	10.0	4.6	30.0
2-Fluorobiphenyl (Surr)	Ave	1.261	1.273		10.1	10.0	1.0	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1401	0.1609		11.5	10.0	14.8	30.0
Terphenyl-d14 (Surr)	Ave	0.7313	0.7754		10.6	10.0	6.0	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	1.097	1.401		12.8	10.0	27.7*	20.0
Pyridine	Ave	2.018	2.368		11.7	10.0	17.4	20.0
Benzaldehyde	Ave	1.420	0.9711	0.0100	13.7	20.0	-31.6*	20.0
Phenol	Ave	2.099	2.304	0.8000	11.0	10.0	9.8	20.0
Aniline	Ave	2.617	2.827		10.8	10.0	8.0	20.0
Bis(2-chloroethyl)ether	Ave	1.803	2.052	0.7000	11.4	10.0	13.8	20.0
2-Chlorophenol	Ave	1.517	1.503	0.8000	9.91	10.0	-0.9	20.0
n-Decane	Ave	1.758	2.188		12.4	10.0	24.5*	20.0
1,3-Dichlorobenzene	Ave	1.573	1.567		9.97	10.0	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.602	1.600		9.99	10.0	-0.1	20.0
Benzyl alcohol	Ave	1.029	1.117		10.9	10.0	8.6	20.0
1,2-Dichlorobenzene	Ave	1.540	1.527		9.91	10.0	-0.9	20.0
2-Methylphenol	Ave	1.570	1.556	0.7000	9.91	10.0	-0.9	20.0
bis (2-chloroisopropyl) ether	Ave	2.024	2.359		11.7	10.0	16.6	20.0
Indene	Ave	2.688	2.657		19.8	20.0	-1.1	20.0
3 & 4 Methylphenol	Ave	1.620	1.541		9.51	10.0	-4.9	20.0
N-Nitrosodi-n-propylamine	Ave	1.139	1.450	0.5000	12.7	10.0	27.4*	20.0
Acetophenone	Ave	2.353	2.244	0.0100	9.54	10.0	-4.6	20.0
Hexachloroethane	Ave	0.6683	0.6695	0.3000	10.0	10.0	0.2	20.0
Nitrobenzene	Ave	0.4459	0.4894	0.2000	11.0	10.0	9.8	20.0
Isophorone	Ave	0.7626	0.8151	0.4000	10.7	10.0	6.9	20.0
2-Nitrophenol	Ave	0.1660	0.1725	0.1000	10.4	10.0	3.9	20.0
2,4-Dimethylphenol	Ave	0.3818	0.3609	0.2000	9.45	10.0	-5.5	20.0
Benzoic acid	Lin1		0.1419		14.3	20.0	-28.4*	20.0
Bis(2-chloroethoxy)methane	Ave	0.4539	0.4711	0.3000	10.4	10.0	3.8	20.0
2,4-Dichlorophenol	Ave	0.2489	0.2500	0.2000	10.0	10.0	0.4	20.0
1,2,4-Trichlorobenzene	Ave	0.2911	0.2488		8.54	10.0	-14.6	20.0
Naphthalene	Ave	1.093	0.9231	0.7000	8.44	10.0	-15.6	20.0
4-Chloroaniline	Ave	0.4651	0.3947	0.0100	8.49	10.0	-15.1	20.0
2,6-Dichlorophenol	Ave	0.2535	0.2456		9.69	10.0	-3.1	20.0
Hexachlorobutadiene	Ave	0.1548	0.1309	0.0100	8.46	10.0	-15.4	20.0
Caprolactam	Ave	0.1118	0.1051	0.0100	18.8	20.0	-6.0	20.0
4-Chloro-3-methylphenol	Ave	0.3177	0.3036	0.2000	9.56	10.0	-4.4	20.0
2-Methylnaphthalene	Ave	0.6768	0.6149	0.4000	9.09	10.0	-9.1	20.0
1-Methylnaphthalene	Ave	0.6004	0.5452		9.08	10.0	-9.2	20.0
Hexachlorocyclopentadiene	Ave	0.2585	0.2068	0.0500	8.00	10.0	-20.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4935	0.4285	0.0100	8.68	10.0	-13.2	20.0
2,4,6-Trichlorophenol	Ave	0.3377	0.3103	0.2000	9.19	10.0	-8.1	20.0
2,4,5-Trichlorophenol	Ave	0.3511	0.3097	0.2000	8.82	10.0	-11.8	20.0
1,1'-Biphenyl	Ave	1.542	1.307	0.0100	8.48	10.0	-15.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 | Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 | Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) | Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.162	1.068	0.8000	9.19	10.0	-8.1	20.0
2-Nitroaniline	Ave	0.4031	0.4647	0.0100	11.5	10.0	15.3	20.0
Dimethyl phthalate	Ave	1.213	1.112	0.0100	9.17	10.0	-8.3	20.0
1,3-Dinitrobenzene	Ave	0.1896	0.2036		10.7	10.0	7.4	20.0
2,6-Dinitrotoluene	Ave	0.2814	0.2741		9.74	10.0	-2.6	20.0
Acenaphthylene	Ave	1.895	1.621	0.9000	8.55	10.0	-14.5	20.0
3-Nitroaniline	Ave	0.3457	0.3215	0.0100	9.30	10.0	-7.0	20.0
2,4-Dinitrophenol	Lin		0.1118	0.0100	17.4	20.0	-13.2	20.0
Acenaphthene	Ave	1.225	1.006	0.9000	8.21	10.0	-17.9	20.0
4-Nitrophenol	Ave	0.2054	0.1907		18.6	20.0	-7.2	20.0
2,4-Dinitrotoluene	Ave	0.3558	0.3600	0.2000	10.1	10.0	1.2	20.0
Dibenzofuran	Ave	1.646	1.411	0.8000	8.57	10.0	-14.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2627	0.2179	0.0100	8.29	10.0	-17.1	20.0
Diethyl phthalate	Ave	1.206	0.9799	0.0100	8.12	10.0	-18.8	20.0
Hexadecane	Ave	0.8758	0.8735		9.97	10.0	-0.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5909	0.5060	0.4000	8.56	10.0	-14.4	20.0
4-Nitroaniline	Ave	0.3467	0.3204	0.0100	9.24	10.0	-7.6	20.0
Fluorene	Ave	1.288	1.141	0.9000	8.86	10.0	-11.4	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1238	0.0100	20.3	20.0	1.4	20.0
N-Nitrosodiphenylamine	Ave	0.5262	0.5308	0.0100	20.2	20.0	0.9	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.014	1.110		10.9	10.0	9.5	20.0
Azobenzene	Ave	1.014	1.111		11.0	10.0	9.5	20.0
4-Bromophenyl phenyl ether	Ave	0.1862	0.1790	0.1000	9.61	10.0	-3.9	20.0
Hexachlorobenzene	Ave	0.1906	0.1928	0.1000	10.1	10.0	1.2	20.0
Atrazine	Ave	0.1757	0.1904	0.0100	21.7	20.0	8.3	20.0
n-Octadecane	Ave	0.5128	0.6714		13.1	10.0	30.9*	20.0
Pentachlorophenol	Lin1		0.1117	0.0500	18.5	20.0	-7.7	20.0
Phenanthrene	Ave	1.179	1.084	0.7000	9.19	10.0	-8.1	20.0
Anthracene	Ave	1.143	1.091	0.7000	9.54	10.0	-4.6	20.0
Carbazole	Ave	0.996	1.073	0.0100	10.8	10.0	7.7	20.0
Di-n-butyl phthalate	Ave	1.181	1.258	0.0100	10.6	10.0	6.5	20.0
Fluoranthene	Ave	1.125	1.144	0.6000	10.2	10.0	1.7	20.0
Benzidine	Lin1		0.4427		13.9	20.0	-30.7*	20.0
Pyrene	Ave	1.165	1.127	0.6000	9.67	10.0	-3.3	20.0
Butyl benzyl phthalate	Ave	0.5273	0.5343	0.0100	10.1	10.0	1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7086	0.7187	0.0100	10.1	10.0	1.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3426	0.3520	0.0100	20.5	20.0	2.7	20.0
Benzo[a]anthracene	Ave	1.114	1.008	0.8000	9.05	10.0	-9.5	20.0
Chrysene	Ave	1.127	0.9562	0.7000	8.48	10.0	-15.2	20.0
Di-n-octyl phthalate	Lin1		1.464	0.0100	9.43	10.0	-5.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.034	1.122	0.7000	10.9	10.0	8.6	20.0
Benzo[k]fluoranthene	Ave	1.334	1.254	0.7000	9.40	10.0	-6.0	20.0
Benzo[a]pyrene	Ave	1.098	1.113	0.7000	10.1	10.0	1.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.106	1.182	0.5000	10.7	10.0	6.8	20.0
Dibenz(a,h)anthracene	Ave	0.8758	0.9640	0.4000	11.0	10.0	10.1	20.0
Benzo[g,h,i]perylene	Ave	0.9937	0.9829	0.5000	9.89	10.0	-1.1	20.0
1,4-Dioxane	Ave	0.7606			0.000490	10.0		
2-Fluorophenol (Surr)	Ave	1.509	1.580		10.5	10.0	4.7	20.0
Phenol-d5 (Surr)	Ave	1.961	2.103		10.7	10.0	7.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4689	0.4936		10.5	10.0	5.3	20.0
2-Fluorobiphenyl (Surr)	Ave	1.261	1.114		8.84	10.0	-11.6	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1401	0.1104		7.88	10.0	-21.2*	20.0
Terphenyl-d14 (Surr)	Ave	0.7313	0.7199		9.84	10.0	-1.6	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	80		36-110
4165-62-2	Phenol-d5 (Surr)	66		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	65		20-110
367-12-4	2-Fluorophenol (Surr)	66		24-110
321-60-8	2-Fluorobiphenyl (Surr)	68		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	48		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	87		36-110
4165-62-2	Phenol-d5 (Surr)	88		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	78		20-110
367-12-4	2-Fluorophenol (Surr)	81		24-110
321-60-8	2-Fluorobiphenyl (Surr)	76		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	49		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205786/24-A

Matrix: Solid | Lab File ID: 51111005.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	525		50	3.5
108-60-1	bis (2-chloroisopropyl) ether	611		100	9.5
95-95-4	2,4,5-Trichlorophenol	428		150	25
88-06-2	2,4,6-Trichlorophenol	319		150	8.9
120-83-2	2,4-Dichlorophenol	532		150	20
105-67-9	2,4-Dimethylphenol	462		150	20
51-28-5	2,4-Dinitrophenol	481		330	21
121-14-2	2,4-Dinitrotoluene	605		200	17
606-20-2	2,6-Dinitrotoluene	563		200	21
91-58-7	2-Chloronaphthalene	523		50	0.45
95-57-8	2-Chlorophenol	528		50	8.2
91-57-6	2-Methylnaphthalene	550		6.7	0.50
95-48-7	2-Methylphenol	576		200	11
88-74-4	2-Nitroaniline	596		200	9.1
88-75-5	2-Nitrophenol	584		50	8.3
91-94-1	3,3'-Dichlorobenzidine	900		100	18
99-09-2	3-Nitroaniline	497		200	16
534-52-1	4,6-Dinitro-2-methylphenol	716		150	9.2
101-55-3	4-Bromophenyl phenyl ether	571		50	13
59-50-7	4-Chloro-3-methylphenol	571		150	21
106-47-8	4-Chloroaniline	395		150	17
7005-72-3	4-Chlorophenyl phenyl ether	549		50	13
100-01-6	4-Nitroaniline	588		200	26
100-02-7	4-Nitrophenol	1060		330	17
83-32-9	Acenaphthene	533		6.7	0.76
208-96-8	Acenaphthylene	532		6.7	0.35
98-86-2	Acetophenone	551		100	9.2
120-12-7	Anthracene	545		6.7	0.78
1912-24-9	Atrazine	1240		200	9.1
100-52-7	Benzaldehyde	1150		100	12
56-55-3	Benzo[a]anthracene	553		6.7	0.63
50-32-8	Benzo[a]pyrene	592		6.7	0.64
205-99-2	Benzo[b]fluoranthene	592		6.7	0.59
191-24-2	Benzo[g,h,i]perylene	573		6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205786/24-A

Matrix: Solid | Lab File ID: 51111005.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	571		6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	537		100	22
111-44-4	Bis(2-chloroethyl)ether	533		100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	662		70	19
85-68-7	Butyl benzyl phthalate	604		70	10
105-60-2	Caprolactam	1110		330	37
86-74-8	Carbazole	564		50	27
218-01-9	Chrysene	550		6.7	1.1
53-70-3	Dibenz(a,h)anthracene	620		6.7	0.66
132-64-9	Dibenzofuran	548		50	0.66
84-66-2	Diethyl phthalate	618		70	16
131-11-3	Dimethyl phthalate	572		70	17
84-74-2	Di-n-butyl phthalate	583		70	15
117-84-0	Di-n-octyl phthalate	628		70	7.9
206-44-0	Fluoranthene	539		6.7	0.55
86-73-7	Fluorene	550		6.7	0.53
118-74-1	Hexachlorobenzene	553		6.7	2.1
87-68-3	Hexachlorobutadiene	559		50	5.6
77-47-4	Hexachlorocyclopentadiene	240	J	330	8.1
67-72-1	Hexachloroethane	539		50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	606		6.7	0.35
78-59-1	Isophorone	547		50	13
621-64-7	N-Nitrosodi-n-propylamine	563		50	6.3
86-30-6	N-Nitrosodiphenylamine	1180		50	21
91-20-3	Naphthalene	537		6.7	0.82
98-95-3	Nitrobenzene	550		100	2.2
87-86-5	Pentachlorophenol	584		150	9.1
85-01-8	Phenanthrene	547		6.7	0.73
108-95-2	Phenol	542		50	7.3
129-00-0	Pyrene	574		6.7	0.44
15831-10-4	3 & 4 Methylphenol	526		400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205786/24-A

Matrix: Solid | Lab File ID: 51111005.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	93		36-110
4165-62-2	Phenol-d5 (Surr)	79		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	79		20-110
367-12-4	2-Fluorophenol (Surr)	79		24-110
321-60-8	2-Fluorobiphenyl (Surr)	81		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	44		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205866/9-A

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	396		50	3.5
108-60-1	bis (2-chloroisopropyl) ether	514		100	9.5
95-95-4	2,4,5-Trichlorophenol	325		150	25
88-06-2	2,4,6-Trichlorophenol	243		150	8.9
120-83-2	2,4-Dichlorophenol	446		150	20
105-67-9	2,4-Dimethylphenol	444		150	20
51-28-5	2,4-Dinitrophenol	464		330	21
121-14-2	2,4-Dinitrotoluene	473		200	17
606-20-2	2,6-Dinitrotoluene	462		200	21
91-58-7	2-Chloronaphthalene	425		50	0.45
95-57-8	2-Chlorophenol	439		50	8.2
91-57-6	2-Methylnaphthalene	428		6.7	0.50
95-48-7	2-Methylphenol	438		200	11
88-74-4	2-Nitroaniline	548		200	9.1
88-75-5	2-Nitrophenol	459		50	8.3
91-94-1	3,3'-Dichlorobenzidine	946		100	18
99-09-2	3-Nitroaniline	446		200	16
534-52-1	4,6-Dinitro-2-methylphenol	724		150	9.2
101-55-3	4-Bromophenyl phenyl ether	468		50	13
59-50-7	4-Chloro-3-methylphenol	444		150	21
106-47-8	4-Chloroaniline	366		150	17
7005-72-3	4-Chlorophenyl phenyl ether	412		50	13
100-01-6	4-Nitroaniline	452		200	26
100-02-7	4-Nitrophenol	804		330	17
83-32-9	Acenaphthene	386		6.7	0.76
208-96-8	Acenaphthylene	400		6.7	0.35
98-86-2	Acetophenone	424		100	9.2
120-12-7	Anthracene	462		6.7	0.78
1912-24-9	Atrazine	1140		200	9.1
100-52-7	Benzaldehyde	1090		100	12
56-55-3	Benzo[a]anthracene	451		6.7	0.63
50-32-8	Benzo[a]pyrene	491		6.7	0.64
205-99-2	Benzo[b]fluoranthene	559		6.7	0.59
191-24-2	Benzo[g,h,i]perylene	467		6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205866/9-A

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	429		6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	489		100	22
111-44-4	Bis(2-chloroethyl)ether	503		100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	544		70	19
85-68-7	Butyl benzyl phthalate	512		70	10
105-60-2	Caprolactam	1000		330	37
86-74-8	Carbazole	536		50	27
218-01-9	Chrysene	442		6.7	1.1
53-70-3	Dibenz(a,h)anthracene	513		6.7	0.66
132-64-9	Dibenzofuran	406		50	0.66
84-66-2	Diethyl phthalate	418		70	16
131-11-3	Dimethyl phthalate	455		70	17
84-74-2	Di-n-butyl phthalate	538		70	15
117-84-0	Di-n-octyl phthalate	448		70	7.9
206-44-0	Fluoranthene	500		6.7	0.55
86-73-7	Fluorene	426		6.7	0.53
118-74-1	Hexachlorobenzene	496		6.7	2.1
87-68-3	Hexachlorobutadiene	392		50	5.6
77-47-4	Hexachlorocyclopentadiene	244	J	330	8.1
67-72-1	Hexachloroethane	423		50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	505		6.7	0.35
78-59-1	Isophorone	513		50	13
621-64-7	N-Nitrosodi-n-propylamine	592		50	6.3
86-30-6	N-Nitrosodiphenylamine	987		50	21
91-20-3	Naphthalene	387		6.7	0.82
98-95-3	Nitrobenzene	506		100	2.2
87-86-5	Pentachlorophenol	573		150	9.1
85-01-8	Phenanthrene	439		6.7	0.73
108-95-2	Phenol	537		50	7.3
129-00-0	Pyrene	481		6.7	0.44
15831-10-4	3 & 4 Methylphenol	432		400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205866/9-A

Matrix: Solid | Lab File ID: 51111007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	76		36-110
4165-62-2	Phenol-d5 (Surr)	75		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	76		20-110
367-12-4	2-Fluorophenol (Surr)	72		24-110
321-60-8	2-Fluorobiphenyl (Surr)	64		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	33		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 51111024.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.05(g) | Date Analyzed: 11/11/2015 16:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	511		58	4.1
108-60-1	bis (2-chloroisopropyl) ether	646		120	11
95-95-4	2,4,5-Trichlorophenol	290		180	29
88-06-2	2,4,6-Trichlorophenol	318		180	10
120-83-2	2,4-Dichlorophenol	444		180	23
105-67-9	2,4-Dimethylphenol	275		180	23
51-28-5	2,4-Dinitrophenol	940		390	25
121-14-2	2,4-Dinitrotoluene	616		230	20
606-20-2	2,6-Dinitrotoluene	597		230	25
91-58-7	2-Chloronaphthalene	546		58	0.53
95-57-8	2-Chlorophenol	504		58	9.6
91-57-6	2-Methylnaphthalene	528		7.8	0.58
95-48-7	2-Methylphenol	391		230	13
88-74-4	2-Nitroaniline	709		230	11
88-75-5	2-Nitrophenol	593		58	9.7
91-94-1	3,3'-Dichlorobenzidine	1180		120	21
99-09-2	3-Nitroaniline	533		230	19
534-52-1	4,6-Dinitro-2-methylphenol	1080		180	11
101-55-3	4-Bromophenyl phenyl ether	592		58	15
59-50-7	4-Chloro-3-methylphenol	231		180	25
106-47-8	4-Chloroaniline	391		180	20
7005-72-3	4-Chlorophenyl phenyl ether	537		58	15
100-01-6	4-Nitroaniline	570		230	30
100-02-7	4-Nitrophenol	383	J	390	20
83-32-9	Acenaphthene	501		7.8	0.89
208-96-8	Acenaphthylene	518		7.8	0.41
98-86-2	Acetophenone	542		120	11
120-12-7	Anthracene	585		7.8	0.91
1912-24-9	Atrazine	1450		230	11
100-52-7	Benzaldehyde	1350		120	14
56-55-3	Benzo[a]anthracene	556		7.8	0.74
50-32-8	Benzo[a]pyrene	623		7.8	0.75
205-99-2	Benzo[b]fluoranthene	673		7.8	0.69
191-24-2	Benzo[g,h,i]perylene	598		7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 51111024.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.05(g) | Date Analyzed: 11/11/2015 16:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	562		7.8	0.79
111-91-1	Bis(2-chloroethoxy)methane	611		120	26
111-44-4	Bis(2-chloroethyl)ether	607		120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	679		82	22
85-68-7	Butyl benzyl phthalate	649		82	12
105-60-2	Caprolactam	1260		390	43
86-74-8	Carbazole	666		58	32
218-01-9	Chrysene	544		7.8	1.3
53-70-3	Dibenz(a,h)anthracene	637		7.8	0.77
132-64-9	Dibenzofuran	536		58	0.77
84-66-2	Diethyl phthalate	546		82	19
131-11-3	Dimethyl phthalate	595		82	20
84-74-2	Di-n-butyl phthalate	681		82	18
117-84-0	Di-n-octyl phthalate	559		82	9.2
206-44-0	Fluoranthene	621		7.8	0.64
86-73-7	Fluorene	548		7.8	0.62
118-74-1	Hexachlorobenzene	623		7.8	2.5
87-68-3	Hexachlorobutadiene	472		58	6.5
77-47-4	Hexachlorocyclopentadiene	219	J	390	9.5
67-72-1	Hexachloroethane	526		58	11
193-39-5	Indeno[1,2,3-cd]pyrene	622		7.8	0.41
78-59-1	Isophorone	651		58	15
621-64-7	N-Nitrosodi-n-propylamine	757		58	7.4
86-30-6	N-Nitrosodiphenylamine	1270		58	25
91-20-3	Naphthalene	473		7.8	0.96
98-95-3	Nitrobenzene	633		120	2.6
87-86-5	Pentachlorophenol	423		180	11
85-01-8	Phenanthrene	557		7.8	0.85
108-95-2	Phenol	395		58	8.5
129-00-0	Pyrene	603		7.8	0.51
15831-10-4	3 & 4 Methylphenol	368	J	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: 51111024.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30.05(g) | Date Analyzed: 11/11/2015 16:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	80		36-110
4165-62-2	Phenol-d5 (Surr)	62		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	78		20-110
367-12-4	2-Fluorophenol (Surr)	69		24-110
321-60-8	2-Fluorobiphenyl (Surr)	71		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	30		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 51111025.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.93(g) | Date Analyzed: 11/11/2015 17:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	419		59	4.1
108-60-1	bis (2-chloroisopropyl) ether	536		120	11
95-95-4	2,4,5-Trichlorophenol	208		180	29
88-06-2	2,4,6-Trichlorophenol	307		180	10
120-83-2	2,4-Dichlorophenol	368		180	23
105-67-9	2,4-Dimethylphenol	286		180	23
51-28-5	2,4-Dinitrophenol	819		390	25
121-14-2	2,4-Dinitrotoluene	589		230	20
606-20-2	2,6-Dinitrotoluene	546		230	25
91-58-7	2-Chloronaphthalene	455		59	0.53
95-57-8	2-Chlorophenol	422		59	9.6
91-57-6	2-Methylnaphthalene	437		7.8	0.59
95-48-7	2-Methylphenol	416		230	13
88-74-4	2-Nitroaniline	646		230	11
88-75-5	2-Nitrophenol	492		59	9.7
91-94-1	3,3'-Dichlorobenzidine	1210		120	21
99-09-2	3-Nitroaniline	551		230	19
534-52-1	4,6-Dinitro-2-methylphenol	996		180	11
101-55-3	4-Bromophenyl phenyl ether	532		59	15
59-50-7	4-Chloro-3-methylphenol	272		180	25
106-47-8	4-Chloroaniline	392		180	20
7005-72-3	4-Chlorophenyl phenyl ether	476		59	15
100-01-6	4-Nitroaniline	541		230	30
100-02-7	4-Nitrophenol	446		390	20
83-32-9	Acenaphthene	432		7.8	0.89
208-96-8	Acenaphthylene	443		7.8	0.41
98-86-2	Acetophenone	442		120	11
120-12-7	Anthracene	523		7.8	0.91
1912-24-9	Atrazine	1300		230	11
100-52-7	Benzaldehyde	1100		120	14
56-55-3	Benzo[a]anthracene	536		7.8	0.74
50-32-8	Benzo[a]pyrene	563		7.8	0.75
205-99-2	Benzo[b]fluoranthene	638		7.8	0.69
191-24-2	Benzo[g,h,i]perylene	545		7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 51111025.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.93(g) | Date Analyzed: 11/11/2015 17:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	486		7.8	0.80
111-91-1	Bis(2-chloroethoxy)methane	497		120	26
111-44-4	Bis(2-chloroethyl)ether	528		120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	661		82	22
85-68-7	Butyl benzyl phthalate	614		82	12
105-60-2	Caprolactam	1170		390	43
86-74-8	Carbazole	604		59	32
218-01-9	Chrysene	521		7.8	1.3
53-70-3	Dibenz(a,h)anthracene	596		7.8	0.77
132-64-9	Dibenzofuran	463		59	0.77
84-66-2	Diethyl phthalate	507		82	19
131-11-3	Dimethyl phthalate	543		82	20
84-74-2	Di-n-butyl phthalate	631		82	18
117-84-0	Di-n-octyl phthalate	517		82	9.3
206-44-0	Fluoranthene	577		7.8	0.64
86-73-7	Fluorene	486		7.8	0.62
118-74-1	Hexachlorobenzene	557		7.8	2.5
87-68-3	Hexachlorobutadiene	395		59	6.6
77-47-4	Hexachlorocyclopentadiene	186	J	390	9.5
67-72-1	Hexachloroethane	411		59	11
193-39-5	Indeno[1,2,3-cd]pyrene	578		7.8	0.41
78-59-1	Isophorone	540		59	15
621-64-7	N-Nitrosodi-n-propylamine	615		59	7.4
86-30-6	N-Nitrosodiphenylamine	1130		59	25
91-20-3	Naphthalene	397		7.8	0.96
98-95-3	Nitrobenzene	515		120	2.6
87-86-5	Pentachlorophenol	617		180	11
85-01-8	Phenanthrene	510		7.8	0.86
108-95-2	Phenol	418		59	8.6
129-00-0	Pyrene	575		7.8	0.52
15831-10-4	3 & 4 Methylphenol	392	J	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: 51111025.D

Analysis Method: 8270D | Date Collected: 11/05/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 29.93(g) | Date Analyzed: 11/11/2015 17:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	77		36-110
4165-62-2	Phenol-d5 (Surr)	53		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	65		20-110
367-12-4	2-Fluorophenol (Surr)	61		24-110
321-60-8	2-Fluorobiphenyl (Surr)	60		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	36		10-110

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Start Date: 10/02/2015 10:22

Analysis Batch Number: 200091 End Date: 10/02/2015 21:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-200091/1		10/02/2015 10:22	1	51002001.D	DB-624 0.18(mm)
STD5 240-200091/2 IC		10/02/2015 10:48	1	51002002.D	DB-624 0.18(mm)
STD4 240-200091/3 IC		10/02/2015 11:12	1	51002003.D	DB-624 0.18(mm)
STD3 240-200091/4 IC		10/02/2015 11:37	1	51002004.D	DB-624 0.18(mm)
STD2 240-200091/5 IC		10/02/2015 12:01	1	51002005.D	DB-624 0.18(mm)
STD1 240-200091/6 IC		10/02/2015 12:25	1	51002006.D	DB-624 0.18(mm)
STD9 240-200091/7 IC		10/02/2015 12:50	1	51002007.D	DB-624 0.18(mm)
STD8 240-200091/8 IC		10/02/2015 13:15	1	51002008.D	DB-624 0.18(mm)
STD7 240-200091/9 IC		10/02/2015 13:39	1	51002009.D	DB-624 0.18(mm)
STD6 240-200091/10 ICIS		10/02/2015 14:04	1	51002010.D	DB-624 0.18(mm)
ICV 240-200091/11		10/02/2015 14:28	1	51002011.D	DB-624 0.18(mm)
STD9 240-200091/12 IC		10/02/2015 14:53	1		DB-624 0.18(mm)
STD8 240-200091/13 IC		10/02/2015 15:17	1		DB-624 0.18(mm)
STD7 240-200091/14 IC		10/02/2015 15:42	1		DB-624 0.18(mm)
STD6 240-200091/15 IC		10/02/2015 16:06	1		DB-624 0.18(mm)
STD5 240-200091/16 IC		10/02/2015 16:31	1		DB-624 0.18(mm)
STD4 240-200091/17 IC		10/02/2015 16:55	1		DB-624 0.18(mm)
STD3 240-200091/18 IC		10/02/2015 17:20	1		DB-624 0.18(mm)
STD2 240-200091/19 IC		10/02/2015 17:45	1		DB-624 0.18(mm)
ICV 240-200091/20		10/02/2015 18:09	1		DB-624 0.18(mm)
STD9 240-200091/21 IC		10/02/2015 18:33	1		DB-624 0.18(mm)
STD8 240-200091/22 IC		10/02/2015 18:58	1		DB-624 0.18(mm)
STD7 240-200091/23 IC		10/02/2015 19:22	1		DB-624 0.18(mm)
STD6 240-200091/24 IC		10/02/2015 19:47	1		DB-624 0.18(mm)
STD5 240-200091/25 IC		10/02/2015 20:12	1		DB-624 0.18(mm)
STD4 240-200091/26 IC		10/02/2015 20:36	1		DB-624 0.18(mm)
STD3 240-200091/27 IC		10/02/2015 21:00	1		DB-624 0.18(mm)
STD2 240-200091/28 IC		10/02/2015 21:25	1		DB-624 0.18(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP10 Start Date: 11/11/2015 09:12

Analysis Batch Number: 206256 End Date: 11/11/2015 16:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-206256/1		11/11/2015 09:12	1	51111001.D	DB-624 0.18(mm)
CCV 240-206256/2 CCVIS		11/11/2015 09:34	1	51111002.D	DB-624 0.18(mm)
LODV 240-206256/3		11/11/2015 10:02	1		DB-624 0.18(mm)
MB 240-205786/23-A		11/11/2015 10:27	1	51111004.D	DB-624 0.18(mm)
LCS 240-205786/24-A		11/11/2015 10:51	1	51111005.D	DB-624 0.18(mm)
240-57597-1	F-VB-UST-1-14	11/11/2015 11:16	1	51111006.D	DB-624 0.18(mm)
240-57597-2	F-VB-UST-2-14	11/11/2015 11:40	1	51111007.D	DB-624 0.18(mm)
240-57597-3	F-VB-UST-3-14	11/11/2015 12:05	1	51111008.D	DB-624 0.18(mm)
240-57597-4	F-VB-UST-4-14	11/11/2015 12:30	1	51111009.D	DB-624 0.18(mm)
240-57597-5	F-VB-UST-5-14	11/11/2015 12:54	1	51111010.D	DB-624 0.18(mm)
240-57597-6	F-VB-UST-6-14	11/11/2015 13:19	1	51111011.D	DB-624 0.18(mm)
240-57597-7	F-VB-UST-7-14	11/11/2015 13:44	1	51111012.D	DB-624 0.18(mm)
240-57597-8	F-VB-UST-8-14	11/11/2015 14:08	1	51111013.D	DB-624 0.18(mm)
240-57597-9	F-VB-UST-9-14	11/11/2015 14:33	1	51111014.D	DB-624 0.18(mm)
240-57597-10	F-VB-UST-10-14	11/11/2015 14:57	1	51111015.D	DB-624 0.18(mm)
ZZZZZ		11/11/2015 15:22	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 15:47	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 16:11	1		DB-624 0.18(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Start Date: 10/30/2015 12:57

Analysis Batch Number: 204569 End Date: 10/30/2015 17:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-204569/1		10/30/2015 12:57	1	51030001.D	RXI-5SILMS 0.45(mm)
STD5 240-204569/2 IC		10/30/2015 13:19	1	51030002.D	RXI-5SILMS 0.45(mm)
STD4 240-204569/3 IC		10/30/2015 13:44	1	51030003.D	RXI-5SILMS 0.45(mm)
STD3 240-204569/4 IC		10/30/2015 14:10	1	51030004.D	RXI-5SILMS 0.45(mm)
STD2 240-204569/5 IC		10/30/2015 14:35	1	51030005.D	RXI-5SILMS 0.45(mm)
STD1 240-204569/6 IC		10/30/2015 15:01	1	51030006.D	RXI-5SILMS 0.45(mm)
STD9 240-204569/7 IC		10/30/2015 15:27	1	51030007.D	RXI-5SILMS 0.45(mm)
STD8 240-204569/8 IC		10/30/2015 15:52	1	51030008.D	RXI-5SILMS 0.45(mm)
STD7 240-204569/9 IC		10/30/2015 16:17	1	51030009.D	RXI-5SILMS 0.45(mm)
STD6 240-204569/10 ICIS		10/30/2015 16:42	1	51030010.D	RXI-5SILMS 0.45(mm)
ICV 240-204569/11		10/30/2015 17:08	1	51030011.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A4HP9 Start Date: 11/11/2015 07:27

Analysis Batch Number: 206233 End Date: 11/11/2015 17:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-206233/1		11/11/2015 07:27	1	51111001.D	RXI-5SILMS 0.45(mm)
CCV 240-206233/2 CCVIS		11/11/2015 07:49	1	51111002.D	RXI-5SILMS 0.45(mm)
LODV 240-206233/3		11/11/2015 08:16	1		RXI-5SILMS 0.45(mm)
LODV 240-206233/18		11/11/2015 08:41	1		RXI-5SILMS 0.45(mm)
MB 240-205866/8-A		11/11/2015 09:54	1	51111006.D	RXI-5SILMS 0.45(mm)
LCS 240-205866/9-A		11/11/2015 10:19	1	51111007.D	RXI-5SILMS 0.45(mm)
240-57597-11	F-VB-UST-11-14	11/11/2015 14:50	1	51111019.D	RXI-5SILMS 0.45(mm)
240-57597-12	F-VB-UST-12-14	11/11/2015 15:14	1	51111020.D	RXI-5SILMS 0.45(mm)
240-57597-13	F-VB-UST-13-14	11/11/2015 15:39	1	51111021.D	RXI-5SILMS 0.45(mm)
240-57597-14	F-VB-UST-14-14	11/11/2015 16:03	1	51111022.D	RXI-5SILMS 0.45(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 16:28	1	51111023.D	RXI-5SILMS 0.45(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 16:52	1	51111024.D	RXI-5SILMS 0.45(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 17:17	1	51111025.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205786 Batch Start Date: 11/09/15 10:35 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 02:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57597-E-1	F-VB-UST-1-14	3540C, 8270D	T	29.99 g	2 mL			1 mL	
240-57597-D-2	F-VB-UST-2-14	3540C, 8270D	T	30.16 g	2 mL			1 mL	
240-57597-E-3	F-VB-UST-3-14	3540C, 8270D	T	30.03 g	2 mL			1 mL	
240-57597-E-4	F-VB-UST-4-14	3540C, 8270D	T	29.84 g	2 mL			1 mL	
240-57597-E-5	F-VB-UST-5-14	3540C, 8270D	T	30.28 g	2 mL			1 mL	
240-57597-E-6	F-VB-UST-6-14	3540C, 8270D	T	30.15 g	2 mL			1 mL	
240-57597-E-7	F-VB-UST-7-14	3540C, 8270D	T	29.53 g	2 mL			1 mL	
240-57597-D-8	F-VB-UST-8-14	3540C, 8270D	T	30.20 g	2 mL			1 mL	
240-57597-E-9	F-VB-UST-9-14	3540C, 8270D	T	29.67 g	2 mL			1 mL	
240-57597-E-10	F-VB-UST-10-14	3540C, 8270D	T	29.78 g	2 mL			1 mL	
MB 240-205786/23		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-205786/24		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2258961

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205866 Batch Start Date: 11/09/15 01:00 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 05:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57597-E-11	F-VB-UST-11-14	3540C, 8270D	T	29.86 g	2 mL			1 mL	
240-57597-E-12	F-VB-UST-12-14	3540C, 8270D	T	29.84 g	2 mL			1 mL	
240-57597-E-13	F-VB-UST-13-14	3540C, 8270D	T	30.37 g	2 mL			1 mL	
240-57597-D-14	F-VB-UST-14-14	3540C, 8270D	T	29.64 g	2 mL			1 mL	
240-57597-D-15	F-VB-UST-DUP	3540C, 8270D	T	30.09 g	2 mL			1 mL	
240-57597-D-15 MS	F-VB-UST-DUP	3540C, 8270D	T	30.05 g	2 mL	1 mL	1 mL	1 mL	
240-57597-D-15 MSD	F-VB-UST-DUP	3540C, 8270D	T	29.93 g	2 mL	1 mL	1 mL	1 mL	
MB 240-205866/8		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-205866/9		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2258960

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - GRO

Nonhalogenated Organics using GC/FID - Modified (Gasoline Range Organics) by Method 8015C

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45(mm)

Client Sample ID	Lab Sample ID	TFT1 #
F-VB-UST-1-14	240-57597-1	78
F-VB-UST-2-14	240-57597-2	79
F-VB-UST-3-14	240-57597-3	77
F-VB-UST-4-14	240-57597-4	71
F-VB-UST-5-14	240-57597-5	71
F-VB-UST-6-14	240-57597-6	76
F-VB-UST-7-14	240-57597-7	78
F-VB-UST-8-14	240-57597-8	73
F-VB-UST-9-14	240-57597-9	78
F-VB-UST-10-14	240-57597-10	79
F-VB-UST-11-14	240-57597-11	79
F-VB-UST-12-14	240-57597-12	78
F-VB-UST-13-14	240-57597-13	75
F-VB-UST-14-14	240-57597-14	80
F-VB-UST-DUP	240-57597-15	74
	MB 240-206227/1-A	73
	MB 240-206444/1-A	72
	LCS 240-206227/2-A	95
	LCS 240-206444/2-A	100
F-VB-UST-DUP MS	240-57597-15 MS	99
F-VB-UST-DUP MSD	240-57597-15 MSD	40

	QC LIMITS
TFT = Trifluorotoluene (Surr)	40-139

Column to be used to flag recovery values

FORM II 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111108.D

Lab ID: LCS 240-206227/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	786	98	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111206.D

Lab ID: LCS 240-206444/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	787	98	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111126.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	928	54 U	856	92	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111127.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	926	206	22	122	40	10-136	F2

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-206227/1-A

Matrix: Solid Date Extracted: 11/11/2015 06:58

Lab File ID:(1) A0111107.D Lab File ID:(2)

Date Analyzed:(1) 11/11/2015 09:56 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206227/2-A	11/11/2015 10:31	
F-VB-UST-1-14	240-57597-1	11/11/2015 11:08	
F-VB-UST-2-14	240-57597-2	11/11/2015 11:45	
F-VB-UST-3-14	240-57597-3	11/11/2015 12:23	
F-VB-UST-4-14	240-57597-4	11/11/2015 13:00	
F-VB-UST-6-14	240-57597-6	11/11/2015 14:13	
F-VB-UST-7-14	240-57597-7	11/11/2015 14:50	
F-VB-UST-8-14	240-57597-8	11/11/2015 15:27	
F-VB-UST-9-14	240-57597-9	11/11/2015 17:19	
F-VB-UST-10-14	240-57597-10	11/11/2015 17:57	
F-VB-UST-11-14	240-57597-11	11/11/2015 18:34	
F-VB-UST-12-14	240-57597-12	11/11/2015 19:12	
F-VB-UST-13-14	240-57597-13	11/11/2015 19:48	
F-VB-UST-14-14	240-57597-14	11/11/2015 20:25	
F-VB-UST-DUP	240-57597-15	11/11/2015 21:03	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 21:40	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 22:17	

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-206444/1-A

Matrix: Solid Date Extracted: 11/12/2015 05:59

Lab File ID:(1) A0111205.D Lab File ID:(2)

Date Analyzed:(1) 11/12/2015 08:03 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206444/2-A	11/12/2015 08:40	
F-VB-UST-5-14	240-57597-5	11/12/2015 09:17	

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD4 240-194508/10 Date Analyzed: 08/24/2015 15:53

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0082110.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
INITIAL CALIBRATION SURROGATE				10.34		
UPPER LIMIT				10.44		
LOWER LIMIT				10.24		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD4 240-194508/10 ICRT		08/24/2015 15:53	A0082110.D	10.34		
ICV 240-194508/13		08/24/2015 17:45	A0082113.D	10.34		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVRT 240-206211/4 Date Analyzed: 11/11/2015 08:08

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111104.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.36		
UPPER LIMIT				10.46		
LOWER LIMIT				10.26		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-206211/4		11/11/2015 08:08	A0111104.D	10.36		
CCV 240-206211/6		11/11/2015 09:20	A0111106.D	10.37		
MB 240-206227/1-A		11/11/2015 09:56	A0111107.D	10.36		
LCS 240-206227/2-A		11/11/2015 10:31	A0111108.D	10.36		
240-57597-1	F-VB-UST-1-14	11/11/2015 11:08	A0111109.D	10.37		
240-57597-2	F-VB-UST-2-14	11/11/2015 11:45	A0111110.D	10.37		
240-57597-3	F-VB-UST-3-14	11/11/2015 12:23	A0111111.D	10.37		
240-57597-4	F-VB-UST-4-14	11/11/2015 13:00	A0111112.D	10.37		
240-57597-6	F-VB-UST-6-14	11/11/2015 14:13	A0111114.D	10.37		
240-57597-7	F-VB-UST-7-14	11/11/2015 14:50	A0111115.D	10.37		
240-57597-8	F-VB-UST-8-14	11/11/2015 15:27	A0111116.D	10.37		
CCV 240-206211/18		11/11/2015 16:42	A0111118.D	10.37		
240-57597-9	F-VB-UST-9-14	11/11/2015 17:19	A0111119.D	10.37		
240-57597-10	F-VB-UST-10-14	11/11/2015 17:57	A0111120.D	10.37		
240-57597-11	F-VB-UST-11-14	11/11/2015 18:34	A0111121.D	10.37		
240-57597-12	F-VB-UST-12-14	11/11/2015 19:12	A0111122.D	10.37		
240-57597-13	F-VB-UST-13-14	11/11/2015 19:48	A0111123.D	10.37		
240-57597-14	F-VB-UST-14-14	11/11/2015 20:25	A0111124.D	10.37		
240-57597-15	F-VB-UST-DUP	11/11/2015 21:03	A0111125.D	10.37		
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:40	A0111126.D	10.37		
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 22:17	A0111127.D	10.37		
CCV 240-206211/28		11/11/2015 22:54	A0111128.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVRT 240-206404/4 Date Analyzed: 11/12/2015 07:26

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111204.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.37		
UPPER LIMIT				10.47		
LOWER LIMIT				10.27		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-206404/4		11/12/2015 07:26	A0111204.D	10.37		
MB 240-206444/1-A		11/12/2015 08:03	A0111205.D	10.37		
LCS 240-206444/2-A		11/12/2015 08:40	A0111206.D	10.37		
240-57597-5	F-VB-UST-5-14	11/12/2015 09:17	A0111207.D	10.37		
CCV 240-206404/8		11/12/2015 09:54	A0111208.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: A0111109.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 4.98(g) | Date Analyzed: 11/11/2015 11:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: A0111110.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 4.98(g) | Date Analyzed: 11/11/2015 11:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: A0111111.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 4.99(g) | Date Analyzed: 11/11/2015 12:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	56	U	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	77		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 Lab Sample ID: 240-57597-4

Matrix: Solid Lab File ID: A0111112.D

Analysis Method: 8015C Date Collected: 11/05/2015 09:06

Sample wt/vol: 4.99(g) Date Analyzed: 11/11/2015 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.6 Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 Lab Sample ID: 240-57597-5

Matrix: Solid Lab File ID: A0111207.D

Analysis Method: 8015C Date Collected: 11/05/2015 09:08

Sample wt/vol: 4.98(g) Date Analyzed: 11/12/2015 09:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.2 Level: (low/med) Low

Analysis Batch No.: 206404 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	77	J	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: A0111114.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.01(g) | Date Analyzed: 11/11/2015 14:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: A0111115.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 4.97(g) | Date Analyzed: 11/11/2015 14:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 Lab Sample ID: 240-57597-8

Matrix: Solid Lab File ID: A0111116.D

Analysis Method: 8015C Date Collected: 11/05/2015 09:14

Sample wt/vol: 4.98(g) Date Analyzed: 11/11/2015 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 18.0 Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	56	U	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: A0111119.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.00(g) | Date Analyzed: 11/11/2015 17:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	57	U	120	57

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: A0111120.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.02(g) | Date Analyzed: 11/11/2015 17:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	53	U	120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: A0111121.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/11/2015 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: A0111122.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.04(g) | Date Analyzed: 11/11/2015 19:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: A0111123.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 4.99(g) | Date Analyzed: 11/11/2015 19:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: A0111124.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.02(g) | Date Analyzed: 11/11/2015 20:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	80		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: A0111125.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.00(g) | Date Analyzed: 11/11/2015 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U F2	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	74		40-139

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Gasoline Range Organics [C6 - C10]	11.460	11.460	11.460	11.460	11.460	11.460					5.807 - 17.114	11.460
C6-C12	12.725	12.725	12.725	12.725	12.725	12.725					5.807 - 19.644	12.725
Trifluorotoluene (Surr)	10.344	10.348	10.347	10.341	10.339	10.339					10.290 - 10.390	10.343

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Gasoline Range Organics [C6 - C10]	281051 441376	404289 439409	445616	417800	Ave		404923.648				15.5		20.0			
C6-C12	344884 484706	442549 478304	494744	455788	Ave		450162.318				12.2		20.0			
Trifluorotoluene (Surr)	452208 466474	509634 371094	436510	429984	Ave		444317.252				10.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Gasoline Range Organics [C6 - C10]	Ave	28105105 703054501	80857808	178246588	334240056	529651436	100 1600	200	400	800	1200
C6-C12	Ave	34488374 765287082	88509751	197897550	364630076	581646620	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	452208 18554703	1019267	2182548	4299843	9329481	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:
Ave = Average

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-194508/13 Calibration Date: 08/24/2015 17:45

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0082113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	425225		840	800	5.0	20.0
C6-C12	Ave	450162	466294		829	800	3.6	20.0
Trifluorotoluene (Surr)	Ave	444317	487053		11.0	10.0	9.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-194508/13 Calibration Date: 08/24/2015 17:45

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0082113.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.46	5.81	17.11
C6-C12	12.73	5.81	19.64
Trifluorotoluene (Surr)	10.34	10.29	10.39

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206211/4 Calibration Date: 11/11/2015 08:08

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111104.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	420445		831	800	3.8	20.0
C6-C12	Ave	450162	459766		817	800	2.1	20.0
Trifluorotoluene (Surr)	Ave	444317	408705		9.20	10.0	-8.0	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206211/4 Calibration Date: 11/11/2015 08:08

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111104.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.54	5.94	17.18
C6-C12	12.80	5.94	19.70
Trifluorotoluene (Surr)	10.36	10.31	10.41

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/6 Calibration Date: 11/11/2015 09:20

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111106.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	428576		847	800	5.8	20.0
C6-C12	Ave	450162	466289		829	800	3.6	20.0
Trifluorotoluene (Surr)	Ave	444317	402849		9.07	10.0	-9.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/6 Calibration Date: 11/11/2015 09:20

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111106.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.54	5.94	17.18
C6-C12	12.80	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/18 Calibration Date: 11/11/2015 16:42

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	421224		832	800	4.0	20.0
C6-C12	Ave	450162	459626		817	800	2.1	20.0
Trifluorotoluene (Surr)	Ave	444317	402080		9.05	10.0	-9.5	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/18 Calibration Date: 11/11/2015 16:42

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111118.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.56	5.94	17.18
C6-C12	12.82	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/28 Calibration Date: 11/11/2015 22:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111128.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	417296		824	800	3.1	20.0
C6-C12	Ave	450162	454853		808	800	1.0	20.0
Trifluorotoluene (Surr)	Ave	444317	401488		9.04	10.0	-9.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/28 Calibration Date: 11/11/2015 22:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111128.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.56	5.94	17.18
C6-C12	12.82	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206404/4 Calibration Date: 11/12/2015 07:26

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111204.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	427634		845	800	5.6	20.0
C6-C12	Ave	450162	465474		827	800	3.4	20.0
Trifluorotoluene (Surr)	Ave	444317	405884		9.14	10.0	-8.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206404/4 Calibration Date: 11/12/2015 07:26

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111204.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.53	5.93	17.14
C6-C12	12.79	5.93	19.66
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206404/8 Calibration Date: 11/12/2015 09:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111208.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	428972		848	800	5.9	20.0
C6-C12	Ave	450162	465297		827	800	3.4	20.0
Trifluorotoluene (Surr)	Ave	444317	420936		9.47	10.0	-5.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206404/8 Calibration Date: 11/12/2015 09:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111208.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.53	5.93	17.14
C6-C12	12.79	5.93	19.66
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206227/1-A

Matrix: Solid Lab File ID: A0111107.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/11/2015 09:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206444/1-A

Matrix: Solid Lab File ID: A0111205.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/12/2015 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206404 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206227/2-A

Matrix: Solid Lab File ID: A0111108.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/11/2015 10:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	786		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	95		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206444/2-A

Matrix: Solid Lab File ID: A0111206.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/12/2015 08:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206404 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	787		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	100		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: A0111126.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.04(g) | Date Analyzed: 11/11/2015 21:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	856		120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	99		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: A0111127.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.05(g) | Date Analyzed: 11/11/2015 22:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	206		120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	40		40-139

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 08/24/2015 13:59

Analysis Batch Number: 194508 End Date: 08/24/2015 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-194508/7 IC		08/24/2015 13:59	1	A0082107.D	RTX-VRX 0.45(mm)
STD2 240-194508/8 IC		08/24/2015 14:37	1	A0082108.D	RTX-VRX 0.45(mm)
STD3 240-194508/9 IC		08/24/2015 15:14	1	A0082109.D	RTX-VRX 0.45(mm)
STD4 240-194508/10 ICRT		08/24/2015 15:53	1	A0082110.D	RTX-VRX 0.45(mm)
STD5 240-194508/11 IC		08/24/2015 16:31	1	A0082111.D	RTX-VRX 0.45(mm)
STD6 240-194508/12 IC		08/24/2015 17:07	1	A0082112.D	RTX-VRX 0.45(mm)
ICV 240-194508/13		08/24/2015 17:45	1	A0082113.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 11/11/2015 08:08

Analysis Batch Number: 206211 End Date: 11/11/2015 22:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-206211/4		11/11/2015 08:08	1	A0111104.D	RTX-VRX 0.45(mm)
CCV 240-206211/6		11/11/2015 09:20	1	A0111106.D	RTX-VRX 0.45(mm)
MB 240-206227/1-A		11/11/2015 09:56	1	A0111107.D	RTX-VRX 0.45(mm)
LCS 240-206227/2-A		11/11/2015 10:31	1	A0111108.D	RTX-VRX 0.45(mm)
240-57597-1	F-VB-UST-1-14	11/11/2015 11:08	1	A0111109.D	RTX-VRX 0.45(mm)
240-57597-2	F-VB-UST-2-14	11/11/2015 11:45	1	A0111110.D	RTX-VRX 0.45(mm)
240-57597-3	F-VB-UST-3-14	11/11/2015 12:23	1	A0111111.D	RTX-VRX 0.45(mm)
240-57597-4	F-VB-UST-4-14	11/11/2015 13:00	1	A0111112.D	RTX-VRX 0.45(mm)
ZZZZZ		11/11/2015 13:36	1		RTX-VRX 0.45(mm)
240-57597-6	F-VB-UST-6-14	11/11/2015 14:13	1	A0111114.D	RTX-VRX 0.45(mm)
240-57597-7	F-VB-UST-7-14	11/11/2015 14:50	1	A0111115.D	RTX-VRX 0.45(mm)
240-57597-8	F-VB-UST-8-14	11/11/2015 15:27	1	A0111116.D	RTX-VRX 0.45(mm)
CCV 240-206211/18		11/11/2015 16:42	1	A0111118.D	RTX-VRX 0.45(mm)
240-57597-9	F-VB-UST-9-14	11/11/2015 17:19	1	A0111119.D	RTX-VRX 0.45(mm)
240-57597-10	F-VB-UST-10-14	11/11/2015 17:57	1	A0111120.D	RTX-VRX 0.45(mm)
240-57597-11	F-VB-UST-11-14	11/11/2015 18:34	1	A0111121.D	RTX-VRX 0.45(mm)
240-57597-12	F-VB-UST-12-14	11/11/2015 19:12	1	A0111122.D	RTX-VRX 0.45(mm)
240-57597-13	F-VB-UST-13-14	11/11/2015 19:48	1	A0111123.D	RTX-VRX 0.45(mm)
240-57597-14	F-VB-UST-14-14	11/11/2015 20:25	1	A0111124.D	RTX-VRX 0.45(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 21:03	1	A0111125.D	RTX-VRX 0.45(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:40	1	A0111126.D	RTX-VRX 0.45(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 22:17	1	A0111127.D	RTX-VRX 0.45(mm)
CCV 240-206211/28		11/11/2015 22:54	1	A0111128.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 11/12/2015 07:26

Analysis Batch Number: 206404 End Date: 11/13/2015 01:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-206404/4		11/12/2015 07:26	1	A0111204.D	RTX-VRX 0.45(mm)
MB 240-206444/1-A		11/12/2015 08:03	1	A0111205.D	RTX-VRX 0.45(mm)
LCS 240-206444/2-A		11/12/2015 08:40	1	A0111206.D	RTX-VRX 0.45(mm)
240-57597-5	F-VB-UST-5-14	11/12/2015 09:17	1	A0111207.D	RTX-VRX 0.45(mm)
CCV 240-206404/8		11/12/2015 09:54	1	A0111208.D	RTX-VRX 0.45(mm)
CCV 240-206404/16		11/12/2015 14:54	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 15:31	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 16:09	1		RTX-VRX 0.45(mm)
CCV 240-206404/22		11/12/2015 18:38	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 19:51	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 20:28	1		RTX-VRX 0.45(mm)
CCV 240-206404/33		11/13/2015 01:22	1		RTX-VRX 0.45(mm)

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206227 Batch Start Date: 11/11/15 06:58 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206227/1		5030A, 8015C		5 g	5 mL				
LCS 240-206227/2		5030A, 8015C		5 g	5 mL				
240-57597-C-1	F-VB-UST-1-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-2	F-VB-UST-2-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-3	F-VB-UST-3-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-4	F-VB-UST-4-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-6	F-VB-UST-6-14	5030A, 8015C	T	5.01 g	5 mL				
240-57597-C-7	F-VB-UST-7-14	5030A, 8015C	T	4.97 g	5 mL				
240-57597-C-8	F-VB-UST-8-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-9	F-VB-UST-9-14	5030A, 8015C	T	5.00 g	5 mL				
240-57597-C-10	F-VB-UST-10-14	5030A, 8015C	T	5.02 g	5 mL				
240-57597-C-11	F-VB-UST-11-14	5030A, 8015C	T	5.03 g	5 mL				
240-57597-C-12	F-VB-UST-12-14	5030A, 8015C	T	5.04 g	5 mL				
240-57597-C-13	F-VB-UST-13-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-14	F-VB-UST-14-14	5030A, 8015C	T	5.02 g	5 mL				
240-57597-C-15	F-VB-UST-DUP	5030A, 8015C	T	5.00 g	5 mL				
240-57597-C-15 MS	F-VB-UST-DUP	5030A, 8015C	T	5.04 g	5 mL				
240-57597-C-15 MSD	F-VB-UST-DUP	5030A, 8015C	T	5.05 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206444 Batch Start Date: 11/12/15 07:59 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206444/1		5030A, 8015C		5 g	5 mL				
LCS 240-206444/2		5030A, 8015C		5 g	5 mL				
240-57597-C-5	F-VB-UST-5-14	5030A, 8015C	T	4.98 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - DRO

Nonhalogenated Organics using GC/FID - Modified (Diesel Range Organics) by Method 8015C

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	OTPH1 #
F-VB-UST-1-14	240-57597-1	62
F-VB-UST-2-14	240-57597-2	62
F-VB-UST-3-14	240-57597-3	59
F-VB-UST-4-14	240-57597-4	60
F-VB-UST-5-14	240-57597-5	56
F-VB-UST-6-14	240-57597-6	60
F-VB-UST-7-14	240-57597-7	65
F-VB-UST-8-14	240-57597-8	65
F-VB-UST-9-14	240-57597-9	57
F-VB-UST-10-14	240-57597-10	64
F-VB-UST-11-14	240-57597-11	64
F-VB-UST-12-14	240-57597-12	73
F-VB-UST-13-14	240-57597-13	68
F-VB-UST-14-14	240-57597-14	61
F-VB-UST-DUP	240-57597-15	65
	MB 240-205788/22-A	56
	LCS 240-205788/23-A	67
F-VB-UST-DUP MS	240-57597-15 MS	81
F-VB-UST-DUP MSD	240-57597-15 MSD	73

	QC LIMITS
OTPH = o-Terphenyl (Surr)	40-160

Column to be used to flag recovery values

FORM II 8015C

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11009.D

Lab ID: LCS 240-205788/23-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	84.0	53.7	64	52-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11113.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel	99.5	7.5 U	75.1	75	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11114.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Diesel	97.6	77.9	80	4	40	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-205788/22-A

Matrix: Solid Date Extracted: 11/09/2015 09:40

Lab File ID:(1) P5B11008.D Lab File ID:(2)

Date Analyzed:(1) 11/10/2015 16:59 Date Analyzed:(2)

Instrument ID:(1) A2HP5R Instrument ID:(2)

GC Column:(1) ID: GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-205788/23-A	11/10/2015 17:31	
F-VB-UST-1-14	240-57597-1	11/10/2015 20:07	
F-VB-UST-2-14	240-57597-2	11/10/2015 20:38	
F-VB-UST-3-14	240-57597-3	11/10/2015 21:10	
F-VB-UST-4-14	240-57597-4	11/10/2015 21:41	
F-VB-UST-5-14	240-57597-5	11/10/2015 22:43	
F-VB-UST-6-14	240-57597-6	11/10/2015 23:14	
F-VB-UST-7-14	240-57597-7	11/10/2015 23:46	
F-VB-UST-8-14	240-57597-8	11/11/2015 00:17	
F-VB-UST-9-14	240-57597-9	11/11/2015 00:48	
F-VB-UST-10-14	240-57597-10	11/11/2015 01:19	
F-VB-UST-11-14	240-57597-11	11/11/2015 01:50	
F-VB-UST-12-14	240-57597-12	11/11/2015 19:03	
F-VB-UST-13-14	240-57597-13	11/11/2015 19:34	
F-VB-UST-14-14	240-57597-14	11/11/2015 20:06	
F-VB-UST-DUP	240-57597-15	11/11/2015 20:37	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 21:08	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 21:39	

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD3 240-205608/10 Date Analyzed: 11/06/2015 17:59

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B10610.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-205608/10 ICRT		11/06/2015 17:59	P5B10610.D	9.83		

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206105/7 Date Analyzed: 11/10/2015 16:28

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11007.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-206105/7 CCVRT		11/10/2015 16:28	P5B11007.D	9.83		
MB 240-205788/22-A		11/10/2015 16:59	P5B11008.D	9.83		
LCS 240-205788/23-A		11/10/2015 17:31	P5B11009.D	9.83		
240-57597-1	F-VB-UST-1-14	11/10/2015 20:07	P5B11014.D	9.83		
240-57597-2	F-VB-UST-2-14	11/10/2015 20:38	P5B11015.D	9.83		
240-57597-3	F-VB-UST-3-14	11/10/2015 21:10	P5B11016.D	9.83		
240-57597-4	F-VB-UST-4-14	11/10/2015 21:41	P5B11017.D	9.83		
CCV 240-206105/18		11/10/2015 22:12	P5B11018.D	9.83		
240-57597-5	F-VB-UST-5-14	11/10/2015 22:43	P5B11019.D	9.83		
240-57597-6	F-VB-UST-6-14	11/10/2015 23:14	P5B11020.D	9.83		
240-57597-7	F-VB-UST-7-14	11/10/2015 23:46	P5B11021.D	9.83		
240-57597-8	F-VB-UST-8-14	11/11/2015 00:17	P5B11022.D	9.83		
240-57597-9	F-VB-UST-9-14	11/11/2015 00:48	P5B11023.D	9.83		
240-57597-10	F-VB-UST-10-14	11/11/2015 01:19	P5B11024.D	9.83		
240-57597-11	F-VB-UST-11-14	11/11/2015 01:50	P5B11025.D	9.83		
CCV 240-206105/30		11/11/2015 04:56	P5B11031.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206356/7 Date Analyzed: 11/11/2015 18:00

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11107.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-206356/7 CCVRT		11/11/2015 18:00	P5B11107.D	9.83		
240-57597-12	F-VB-UST-12-14	11/11/2015 19:03	P5B11109.D	9.83		
240-57597-13	F-VB-UST-13-14	11/11/2015 19:34	P5B11110.D	9.83		
240-57597-14	F-VB-UST-14-14	11/11/2015 20:06	P5B11111.D	9.83		
240-57597-15	F-VB-UST-DUP	11/11/2015 20:37	P5B11112.D	9.83		
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:08	P5B11113.D	9.83		
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 21:39	P5B11114.D	9.83		
CCV 240-206356/15		11/11/2015 22:11	P5B11115.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: P5B11014.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.49(g) | Date Analyzed: 11/10/2015 20:07

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	16	J B	19	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	62		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: P5B11015.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:02

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.69(g) | Date Analyzed: 11/10/2015 20:38

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	10	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	62		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: P5B11016.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:04

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.32(g) | Date Analyzed: 11/10/2015 21:10

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	59		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: P5B11017.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:06

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.31(g) | Date Analyzed: 11/10/2015 21:41

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.6	J B	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	60		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: P5B11019.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:08

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.01(g) | Date Analyzed: 11/10/2015 22:43

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.5	U	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	56		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: P5B11020.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:10

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.79(g) | Date Analyzed: 11/10/2015 23:14

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	60		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: P5B11021.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:12

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.99(g) | Date Analyzed: 11/10/2015 23:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	16	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: P5B11022.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:14

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.45(g) | Date Analyzed: 11/11/2015 00:17

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: P5B11023.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:16

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.38(g) | Date Analyzed: 11/11/2015 00:48

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.8	U	20	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	57		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: P5B11024.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:18

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.04(g) | Date Analyzed: 11/11/2015 01:19

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	13	J B	19	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: P5B11025.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:20

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.60(g) | Date Analyzed: 11/11/2015 01:50

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	9.0	J B	20	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: P5B11109.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:22

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.52(g) | Date Analyzed: 11/11/2015 19:03

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	30	B	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	73		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: P5B11110.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:24

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.73(g) | Date Analyzed: 11/11/2015 19:34

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	13	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	68		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: P5B11111.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:26

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.43(g) | Date Analyzed: 11/11/2015 20:06

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	11	J B	19	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	61		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: P5B11112.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.98(g) | Date Analyzed: 11/11/2015 20:37

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	8.2	J B	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.331	9.331	9.331	9.331	9.331						5.131 - 13.532	9.331
o-Terphenyl (Surr)	9.828	9.831	9.829	9.830	9.833						9.728 - 9.928	9.830

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	156067 174183	161462	135888	139742	Ave		153468.493				10.3		20.0			
o-Terphenyl (Surr)	213204 240558	209043	182141	189552	Ave		206899.578				11.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	15610573	32300497	67960720	139776482	348453260	100	200	500	1000	2000
o-Terphenyl (Surr)	Ave	1705635	3344683	7285634	15164183	38489230	8.00	16.0	40.0	80.0	160

Curve Type Legend:
Ave = Average

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205608/13 Calibration Date: 11/06/2015 19:33

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B10613.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	164201		537	502	7.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205608/13 Calibration Date: 11/06/2015 19:33

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B10613.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/7 Calibration Date: 11/10/2015 16:28

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11007.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	149333		487	500	-2.7	20.0
o-Terphenyl (Surr)	Ave	206900	178269		34.5	40.0	-13.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/7 Calibration Date: 11/10/2015 16:28

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11007.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/18 Calibration Date: 11/10/2015 22:12

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	166560		543	500	8.5	20.0
o-Terphenyl (Surr)	Ave	206900	216799		41.9	40.0	4.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/18 Calibration Date: 11/10/2015 22:12

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11018.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/30 Calibration Date: 11/11/2015 04:56

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11031.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	176144		574	500	14.8	20.0
o-Terphenyl (Surr)	Ave	206900	226941		43.9	40.0	9.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/30 Calibration Date: 11/11/2015 04:56

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11031.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/7 Calibration Date: 11/11/2015 18:00

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11107.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	156558		510	500	2.0	20.0
o-Terphenyl (Surr)	Ave	206900	215548		41.7	40.0	4.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/7 Calibration Date: 11/11/2015 18:00

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11107.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/15 Calibration Date: 11/11/2015 22:11

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	166194		542	500	8.3	20.0
o-Terphenyl (Surr)	Ave	206900	218951		42.3	40.0	5.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/15 Calibration Date: 11/11/2015 22:11

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11115.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205788/22-A

Matrix: Solid | Lab File ID: P5B11008.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30(g) | Date Analyzed: 11/10/2015 16:59

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.82	J	17	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	56		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205788/23-A

Matrix: Solid | Lab File ID: P5B11009.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30(g) | Date Analyzed: 11/10/2015 17:31

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	67		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: P5B11113.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.63(g) | Date Analyzed: 11/11/2015 21:08

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	77.0		20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	81		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: P5B11114.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.20(g) | Date Analyzed: 11/11/2015 21:39

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	79.5		19	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	73		40-160

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/06/2015 15:50

Analysis Batch Number: 205608 End Date: 11/06/2015 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-205608/8 IC		11/06/2015 15:50	1	P5B10608.D	
STD2 240-205608/9 IC		11/06/2015 17:28	1	P5B10609.D	
STD3 240-205608/10 ICRT		11/06/2015 17:59	1	P5B10610.D	
STD4 240-205608/11 IC		11/06/2015 18:30	1	P5B10611.D	
STD5 240-205608/12 IC		11/06/2015 19:01	1	P5B10612.D	
ICV 240-205608/13		11/06/2015 19:33	1	P5B10613.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/10/2015 16:28

Analysis Batch Number: 206105 End Date: 11/11/2015 04:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206105/7 CCVRT		11/10/2015 16:28	1	P5B11007.D	
MB 240-205788/22-A		11/10/2015 16:59	1	P5B11008.D	
LCS 240-205788/23-A		11/10/2015 17:31	1	P5B11009.D	
ZZZZZ		11/10/2015 19:04	1		
240-57597-1	F-VB-UST-1-14	11/10/2015 20:07	1	P5B11014.D	
240-57597-2	F-VB-UST-2-14	11/10/2015 20:38	1	P5B11015.D	
240-57597-3	F-VB-UST-3-14	11/10/2015 21:10	1	P5B11016.D	
240-57597-4	F-VB-UST-4-14	11/10/2015 21:41	1	P5B11017.D	
CCV 240-206105/18		11/10/2015 22:12	1	P5B11018.D	
240-57597-5	F-VB-UST-5-14	11/10/2015 22:43	1	P5B11019.D	
240-57597-6	F-VB-UST-6-14	11/10/2015 23:14	1	P5B11020.D	
240-57597-7	F-VB-UST-7-14	11/10/2015 23:46	1	P5B11021.D	
240-57597-8	F-VB-UST-8-14	11/11/2015 00:17	1	P5B11022.D	
240-57597-9	F-VB-UST-9-14	11/11/2015 00:48	1	P5B11023.D	
240-57597-10	F-VB-UST-10-14	11/11/2015 01:19	1	P5B11024.D	
240-57597-11	F-VB-UST-11-14	11/11/2015 01:50	1	P5B11025.D	
CCV 240-206105/30		11/11/2015 04:56	1	P5B11031.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/11/2015 18:00

Analysis Batch Number: 206356 End Date: 11/11/2015 22:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206356/7 CCVRT		11/11/2015 18:00	1	P5B11107.D	
240-57597-12	F-VB-UST-12-14	11/11/2015 19:03	1	P5B11109.D	
240-57597-13	F-VB-UST-13-14	11/11/2015 19:34	1	P5B11110.D	
240-57597-14	F-VB-UST-14-14	11/11/2015 20:06	1	P5B11111.D	
240-57597-15	F-VB-UST-DUP	11/11/2015 20:37	1	P5B11112.D	
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:08	1	P5B11113.D	
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 21:39	1	P5B11114.D	
CCV 240-206356/15		11/11/2015 22:11	1	P5B11115.D	

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205788 Batch Start Date: 11/09/15 10:35 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 02:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exDIESELspkw 00068	exOTPSURRW 00006		
240-57597-D-1	F-VB-UST-1-14	3540C, 8015C	T	30.49 g	5 mL		1 mL		
240-57597-E-2	F-VB-UST-2-14	3540C, 8015C	T	29.69 g	5 mL		1 mL		
240-57597-D-3	F-VB-UST-3-14	3540C, 8015C	T	30.32 g	5 mL		1 mL		
240-57597-D-4	F-VB-UST-4-14	3540C, 8015C	T	30.31 g	5 mL		1 mL		
240-57597-D-5	F-VB-UST-5-14	3540C, 8015C	T	30.01 g	5 mL		1 mL		
240-57597-D-6	F-VB-UST-6-14	3540C, 8015C	T	29.79 g	5 mL		1 mL		
240-57597-D-7	F-VB-UST-7-14	3540C, 8015C	T	29.99 g	5 mL		1 mL		
240-57597-E-8	F-VB-UST-8-14	3540C, 8015C	T	30.45 g	5 mL		1 mL		
240-57597-D-9	F-VB-UST-9-14	3540C, 8015C	T	30.38 g	5 mL		1 mL		
240-57597-D-10	F-VB-UST-10-14	3540C, 8015C	T	30.04 g	5 mL		1 mL		
240-57597-E-11	F-VB-UST-11-14	3540C, 8015C	T	29.60 g	5 mL		1 mL		
240-57597-E-12	F-VB-UST-12-14	3540C, 8015C	T	29.52 g	5 mL		1 mL		
240-57597-E-13	F-VB-UST-13-14	3540C, 8015C	T	29.73 g	5 mL		1 mL		
240-57597-D-14	F-VB-UST-14-14	3540C, 8015C	T	30.43 g	5 mL		1 mL		
240-57597-D-15	F-VB-UST-DUP	3540C, 8015C	T	29.98 g	5 mL		1 mL		
240-57597-D-15 MS	F-VB-UST-DUP	3540C, 8015C	T	29.63 g	5 mL	1 mL	1 mL		
240-57597-D-15 MSD	F-VB-UST-DUP	3540C, 8015C	T	30.20 g	5 mL	1 mL	1 mL		
MB 240-205788/22		3540C, 8015C		30 g	5 mL		1 mL		
LCS 240-205788/23		3540C, 8015C		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2258960

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	DCB1 #
F-VB-UST-1-14	240-57597-1	78	87
F-VB-UST-2-14	240-57597-2	84	100
F-VB-UST-3-14	240-57597-3	68	95
F-VB-UST-4-14	240-57597-4	75	104
F-VB-UST-5-14	240-57597-5	73	91
F-VB-UST-6-14	240-57597-6	76	109
F-VB-UST-7-14	240-57597-7	76	98
F-VB-UST-8-14	240-57597-8	72	90
F-VB-UST-9-14	240-57597-9	77	95
F-VB-UST-10-14	240-57597-10	83	89
F-VB-UST-11-14	240-57597-11	82	95
F-VB-UST-12-14	240-57597-12	81	92
F-VB-UST-13-14	240-57597-13	77	94
F-VB-UST-14-14	240-57597-14	78	89
F-VB-UST-DUP	240-57597-15	74	89
	MB 240-205809/21-A	75	89
	LCS 240-205809/22-A	75	85
F-VB-UST-DUP MS	240-57597-15 MS	81	95
F-VB-UST-DUP MSD	240-57597-15 MSD	77	89

	QC LIMITS
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000027.D

Lab ID: LCS 240-205809/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	196	59	51-120	
Aroclor-1260	334	201	60	48-120	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000030.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	394	14 U	244	62	17-141	
Aroclor-1260	395	10 U	260	66	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000031.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	393	229	58	9	56	17-141	
Aroclor-1260	393	238	61	9	55	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-205809/21-A

Matrix: Solid Date Extracted: 11/09/2015 09:53

Lab File ID:(1) P4000026.D Lab File ID:(2)

Date Analyzed:(1) 11/11/2015 17:17 Date Analyzed:(2)

Instrument ID:(1) A2HP4 Instrument ID:(2)

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
F-VB-UST-1-14	240-57597-1	11/11/2015 13:28	
F-VB-UST-2-14	240-57597-2	11/11/2015 13:45	
F-VB-UST-3-14	240-57597-3	11/11/2015 14:01	
F-VB-UST-4-14	240-57597-4	11/11/2015 14:17	
F-VB-UST-5-14	240-57597-5	11/11/2015 14:33	
F-VB-UST-6-14	240-57597-6	11/11/2015 14:50	
F-VB-UST-7-14	240-57597-7	11/11/2015 15:06	
F-VB-UST-8-14	240-57597-8	11/11/2015 15:23	
F-VB-UST-9-14	240-57597-9	11/11/2015 15:39	
F-VB-UST-10-14	240-57597-10	11/11/2015 15:55	
F-VB-UST-11-14	240-57597-11	11/11/2015 16:12	
F-VB-UST-12-14	240-57597-12	11/11/2015 16:28	
F-VB-UST-13-14	240-57597-13	11/11/2015 16:44	
F-VB-UST-14-14	240-57597-14	11/11/2015 17:01	
	LCS 240-205809/22-A	11/11/2015 17:33	
F-VB-UST-DUP	240-57597-15	11/11/2015 18:06	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 18:22	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 18:39	

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD05 240-205222/31 Date Analyzed: 11/04/2015 22:13

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000031.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		138265983	2.08				
UPPER LIMIT		276531966	2.58				
LOWER LIMIT		69132992	1.58				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-205222/39		151134439	2.09				
CCV 240-206283/3 CCVIS		120153607	2.07				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206283/3 Date Analyzed: 11/11/2015 11:01

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		120153607	2.07				
UPPER LIMIT		240307214	2.57				
LOWER LIMIT		60076804	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206283/4		117662635	2.07				
CCV 240-206283/5		128931083	2.08				
CCV 240-206283/6		129660063	2.07				
CCV 240-206283/7		124415610	2.07				
240-57597-1	F-VB-UST-1-14	140229279	2.08				
240-57597-2	F-VB-UST-2-14	131329155	2.07				
240-57597-3	F-VB-UST-3-14	142270888	2.07				
240-57597-4	F-VB-UST-4-14	139052581	2.07				
240-57597-5	F-VB-UST-5-14	150647200	2.07				
240-57597-6	F-VB-UST-6-14	136592279	2.07				
240-57597-7	F-VB-UST-7-14	142766511	2.07				
240-57597-8	F-VB-UST-8-14	143364145	2.07				
240-57597-9	F-VB-UST-9-14	135564000	2.07				
240-57597-10	F-VB-UST-10-14	134509895	2.07				
240-57597-11	F-VB-UST-11-14	146836344	2.07				
240-57597-12	F-VB-UST-12-14	141041341	2.07				
240-57597-13	F-VB-UST-13-14	143471346	2.08				
240-57597-14	F-VB-UST-14-14	143338015	2.07				
MB 240-205809/21-A		150167483	2.07				
LCS 240-205809/22-A		138157065	2.07				

BNB = 1-Bromo-2-nitrobenzene
BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206283/28 Date Analyzed: 11/11/2015 17:50

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000028.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		124491700	2.08				
UPPER LIMIT		248983400	2.58				
LOWER LIMIT		62245850	1.58				
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-57597-15	F-VB-UST-DUP	155311076	2.08				
240-57597-15 MS	F-VB-UST-DUP MS	144577114	2.07				
240-57597-15 MSD	F-VB-UST-DUP MSD	162028723	2.07				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS Lab Sample ID: 240-57597-15 MS

Instrument ID (1): A2HP4 Instrument ID (2):

Date Analyzed (1): 11/11/2015 18:22 Date Analyzed (2):

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	2	1	4.50	4.48	4.54	244	244	
		2	5.18	5.16	5.22	246		
		3	5.89	5.87	5.93	245		
		4	6.09	6.07	6.13	229		
		5	6.73	6.71	6.77	256		
Aroclor-1260	2	1	8.10	8.08	8.14	267	260	
		2	8.30	8.28	8.34	249		
		3	8.62	8.59	8.65	240		
		4	9.16	9.14	9.20	270		
		5	9.47	9.44	9.50	272		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD Lab Sample ID: 240-57597-15 MSD

Instrument ID (1): A2HP4 Instrument ID (2):

Date Analyzed (1): 11/11/2015 18:39 Date Analyzed (2):

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	2	1	4.50	4.48	4.54	231	229	
		2	5.18	5.16	5.22	232		
		3	5.89	5.87	5.93	232		
		4	6.10	6.07	6.13	215		
		5	6.74	6.71	6.77	234		
Aroclor-1260	2	1	8.10	8.08	8.14	248	238	
		2	8.30	8.28	8.34	228		
		3	8.62	8.59	8.65	218		
		4	9.17	9.14	9.20	246		
		5	9.47	9.44	9.50	251		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-205809/22-A

Instrument ID (1): A2HP4 Instrument ID (2):

Date Analyzed (1): 11/11/2015 17:33 Date Analyzed (2):

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	2	1	4.49	4.46	4.52	195	196	
		2	5.18	5.15	5.21	198		
		3	5.89	5.85	5.91	196		
		4	6.09	6.06	6.12	189		
		5	6.73	6.70	6.76	203		
Aroclor-1260	2	1	8.10	8.06	8.12	211	201	
		2	8.30	8.27	8.33	195		
		3	8.62	8.58	8.64	184		
		4	9.17	9.13	9.19	207		
		5	9.47	9.43	9.49	208		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: P4000012.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.54(g) | Date Analyzed: 11/11/2015 13:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		13-134
2051-24-3	DCB Decachlorobiphenyl	87		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: P4000013.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:02

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.07(g) | Date Analyzed: 11/11/2015 13:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	23	U	39	23
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.4	U	39	9.4
11097-69-1	Aroclor-1254	16	U	39	16
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		13-134
2051-24-3	DCB Decachlorobiphenyl	100		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: P4000014.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:04

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.14(g) | Date Analyzed: 11/11/2015 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	40	15
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.7	U	40	9.7
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: P4000015.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:06

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.54(g) | Date Analyzed: 11/11/2015 14:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	104		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: P4000016.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:08

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.48(g) | Date Analyzed: 11/11/2015 14:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		13-134
2051-24-3	DCB Decachlorobiphenyl	91		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: P4000017.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:10

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.87(g) | Date Analyzed: 11/11/2015 14:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		13-134
2051-24-3	DCB Decachlorobiphenyl	109		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: P4000018.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:12

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.04(g) | Date Analyzed: 11/11/2015 15:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		13-134
2051-24-3	DCB Decachlorobiphenyl	98		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: P4000019.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:14

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.74(g) | Date Analyzed: 11/11/2015 15:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.8	U	41	9.8
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		13-134
2051-24-3	DCB Decachlorobiphenyl	90		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: P4000020.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:16

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.07(g) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.9	U	41	9.9
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: P4000021.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:18

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.97(g) | Date Analyzed: 11/11/2015 15:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: P4000022.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:20

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.28(g) | Date Analyzed: 11/11/2015 16:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: P4000023.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:22

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.29(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.4	U	39	9.4
11097-69-1	Aroclor-1254	16	U	39	16
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		13-134
2051-24-3	DCB Decachlorobiphenyl	92		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: P4000024.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:24

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.41(g) | Date Analyzed: 11/11/2015 16:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		13-134
2051-24-3	DCB Decachlorobiphenyl	94		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: P4000025.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:26

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.19(g) | Date Analyzed: 11/11/2015 17:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: P4000029.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.34(g) | Date Analyzed: 11/11/2015 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	18	U	38	18
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.2	U	38	9.2
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 14:51 Calibration End Date: 11/04/2015 16:13 Calibration ID: 31262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/4	P4000004.D
Level 2	STD01 240-205222/5	P4000005.D
Level 3	STD02 240-205222/6	P4000006.D
Level 4	STD05 240-205222/7	P4000007.D
Level 5	STD1 240-205222/8	P4000008.D
Level 6	STD2 240-205222/9	P4000009.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0146 0.0122	0.0144	0.0134	0.0134	0.0122	Lin1	0.0002	0.0122							0.9990		0.9900
PCB-1232 Peak 2	0.0119 0.0097	0.0118	0.0110	0.0109	0.0098	Lin1	0.0002	0.0098							0.9980		0.9900
PCB-1232 Peak 3	0.0217 0.0205	0.0220	0.0209	0.0216	0.0202	Lin1	0.0001	0.0205							1.0000		0.9900
PCB-1232 Peak 4	0.0095 0.0081	0.0100	0.0094	0.0089	0.0081	Lin1	0.0001	0.0081							0.9980		0.9900
PCB-1232 Peak 5	0.0072 0.0065	0.0075	0.0069	0.0070	0.0066	Lin1	0.0001	0.0066							0.9990		0.9900
PCB-1262 Peak 1	0.0260 0.0242	0.0274	0.0250	0.0248	0.0248	Lin1	0.0002	0.0244							1.0000		0.9900
PCB-1262 Peak 2	0.0377 0.0377	0.0413	0.0382	0.0381	0.0383	Lin1	0.0001	0.0379							1.0000		0.9900
PCB-1262 Peak 3	0.0311 0.0318	0.0344	0.0320	0.0318	0.0323	Lin1	0	0.0319							1.0000		0.9900
PCB-1262 Peak 4	0.0698 0.0769	0.0788	0.0741	0.0751	0.0769	Lin1	0	0.0769							1.0000		0.9900
PCB-1262 Peak 5	0.0515 0.0538	0.0573	0.0535	0.0535	0.0541	Lin1	0	0.0539							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 14:51 Calibration End Date: 11/04/2015 16:13 Calibration ID: 31262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/4	P4000004.D
Level 2	STD01 240-205222/5	P4000005.D
Level 3	STD02 240-205222/6	P4000006.D
Level 4	STD05 240-205222/7	P4000007.D
Level 5	STD1 240-205222/8	P4000008.D
Level 6	STD2 240-205222/9	P4000009.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Lin1	1933285 63941977	4095893	7303079	16914408	33770823	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Lin1	1578310 50725715	3372584	6002899	13706058	27055994	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Lin1	2876493 107658914	6259111	11374836	27178028	55762073	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Lin1	1257572 42453230	2846698	5080531	11255540	22469169	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Lin1	958391 34172989	2139622	3763738	8806970	18208852	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Lin1	3439151 127156329	7810498	13593351	31298082	68292376	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Lin1	4981768 197819034	11766832	20756002	47996867	105623105	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Lin1	4115030 166759669	9809163	17399332	40126368	89102815	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Lin1	9238963 403469407	22450345	40269720	94574833	212075612	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Lin1	6817657 282427060	16339189	29055665	67469104	149093104	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 16:30 Calibration End Date: 11/04/2015 17:51 Calibration ID: 31268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/10	P4000010.D
Level 2	STD01 240-205222/11	P4000011.D
Level 3	STD02 240-205222/12	P4000012.D
Level 4	STD05 240-205222/13	P4000013.D
Level 5	STD1 240-205222/14	P4000014.D
Level 6	STD2 240-205222/15	P4000015.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0108 0.0082	0.0098	0.0093	0.0090	0.0085	Lin1	0.0002	0.0083							0.9990		0.9900
PCB-1242 Peak 2	0.0208 0.0159	0.0186	0.0181	0.0174	0.0164	Lin1	0.0003	0.0160							0.9990		0.9900
PCB-1242 Peak 3	0.0407 0.0367	0.0373	0.0369	0.0376	0.0368	Lin1	0.0002	0.0367							1.0000		0.9900
PCB-1242 Peak 4	0.0183 0.0142	0.0165	0.0153	0.0150	0.0144	Lin1	0.0002	0.0142							1.0000		0.9900
PCB-1242 Peak 5	0.0169 0.0109	0.0131	0.0124	0.0117	0.0111	Lin1	0.0003	0.0108							1.0000		0.9900
PCB-1268 Peak 1	0.1004 0.0910	0.0938	0.0918	0.0903	0.0899	Lin1	0.0004	0.0902							1.0000		0.9900
PCB-1268 Peak 2	0.0969 0.0876	0.0916	0.0907	0.0881	0.0870	Lin1	0.0005	0.0871							1.0000		0.9900
PCB-1268 Peak 3	0.0848 0.0764	0.0793	0.0781	0.0771	0.0756	Lin1	0.0004	0.0759							1.0000		0.9900
PCB-1268 Peak 4	0.0354 0.0308	0.0332	0.0323	0.0312	0.0308	Lin1	0.0003	0.0306							1.0000		0.9900
PCB-1268 Peak 5	0.2560 0.2513	0.2411	0.2398	0.2407	0.2403	Lin1	0	0.2467							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 16:30 Calibration End Date: 11/04/2015 17:51 Calibration ID: 31268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/10	P4000010.D
Level 2	STD01 240-205222/11	P4000011.D
Level 3	STD02 240-205222/12	P4000012.D
Level 4	STD05 240-205222/13	P4000013.D
Level 5	STD1 240-205222/14	P4000014.D
Level 6	STD2 240-205222/15	P4000015.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Lin1	1416279 42642341	2631282	4898596	12129968	22349639	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Lin1	2727967 82584170	5016168	9472105	23377100	43234168	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Lin1	5339536 190275331	10059287	19366944	50515067	97245652	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Lin1	2396365 73778193	4446179	8021924	20164058	37966389	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Lin1	2219925 56371385	3525488	6485701	15661664	29226139	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Lin1	13163622 472145731	25289564	48180973	121179071	237699554	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Lin1	12703541 454549189	24701408	47581502	118240573	229940017	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Lin1	11123762 396177954	21390831	40984813	103417772	199923731	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Lin1	4645327 159800157	8942838	16959213	41849329	81325789	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Lin1	33570153 1303248607	65017075	125845634	322956363	635404036	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 18:08 Calibration End Date: 11/04/2015 19:30 Calibration ID: 31274

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/16	P4000016.D
Level 2	STD01 240-205222/17	P4000017.D
Level 3	STD02 240-205222/18	P4000018.D
Level 4	STD05 240-205222/19	P4000019.D
Level 5	STD1 240-205222/20	P4000020.D
Level 6	STD2 240-205222/21	P4000021.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0262 0.0244	0.0257	0.0252	0.0241	0.0238	Lin1	0.0001	0.0241							1.0000		0.9900
PCB-1248 Peak 2	0.0147 0.0119	0.0141	0.0133	0.0123	0.0118	Lin1	0.0002	0.0118							1.0000		0.9900
PCB-1248 Peak 3	0.0221 0.0182	0.0209	0.0200	0.0185	0.0178	Lin1	0.0003	0.0180							1.0000		0.9900
PCB-1248 Peak 4	0.0230 0.0230	0.0209	0.0242	0.0230	0.0224	Lin1	0	0.0229							0.9990		0.9900
PCB-1248 Peak 5	0.0111 0.0116	0.0121	0.0125	0.0118	0.0111	Lin1	0	0.0115							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 18:08 Calibration End Date: 11/04/2015 19:30 Calibration ID: 31274

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/16	P4000016.D
Level 2	STD01 240-205222/17	P4000017.D
Level 3	STD02 240-205222/18	P4000018.D
Level 4	STD05 240-205222/19	P4000019.D
Level 5	STD1 240-205222/20	P4000020.D
Level 6	STD2 240-205222/21	P4000021.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Lin1	3621408 135686827	7056408	13893180	32542109	61737564	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Lin1	2026547 66471349	3863774	7340597	16627224	30666654	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Lin1	3052634 101195767	5751628	11041531	25008923	46323988	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Lin1	3174691 128291777	5746638	13346231	31077384	58123141	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Lin1	1538217 64509725	3319666	6884267	15873534	28832671	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 19:46 Calibration End Date: 11/04/2015 21:08 Calibration ID: 31280

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/22	P4000022.D
Level 2	STD01 240-205222/23	P4000023.D
Level 3	STD02 240-205222/24	P4000024.D
Level 4	STD05 240-205222/25	P4000025.D
Level 5	STD1 240-205222/26	P4000026.D
Level 6	STD2 240-205222/27	P4000027.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0082 0.0059	0.0071	0.0067	0.0065	0.0060	Lin1	0.0001	0.0059							0.9990		0.9900
PCB-1221 Peak 2	0.0056 0.0038	0.0048	0.0046	0.0044	0.0040	Lin1	0.0001	0.0039							0.9980		0.9900
PCB-1221 Peak 3	0.0205 0.0147	0.0173	0.0165	0.0161	0.0151	Lin1	0.0003	0.0148							0.9990		0.9900
PCB-1254 Peak 1	0.0288 0.0211	0.0242	0.0224	0.0222	0.0212	Lin1	0.0004	0.0209							1.0000		0.9900
PCB-1254 Peak 2	0.0430 0.0354	0.0364	0.0351	0.0362	0.0354	Lin1	0.0003	0.0352							1.0000		0.9900
PCB-1254 Peak 3	0.0328 0.0255	0.0276	0.0256	0.0267	0.0261	Lin1	0.0003	0.0255							1.0000		0.9900
PCB-1254 Peak 4	0.0251 0.0215	0.0209	0.0202	0.0214	0.0214	Lin1	0.0001	0.0213							0.9990		0.9900
PCB-1254 Peak 5	0.0446 0.0346	0.0372	0.0350	0.0360	0.0351	Lin1	0.0004	0.0345							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 19:46 Calibration End Date: 11/04/2015 21:08 Calibration ID: 31280

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/22	P4000022.D
Level 2	STD01 240-205222/23	P4000023.D
Level 3	STD02 240-205222/24	P4000024.D
Level 4	STD05 240-205222/25	P4000025.D
Level 5	STD1 240-205222/26	P4000026.D
Level 6	STD2 240-205222/27	P4000027.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Lin1	1144216 32732245	1896892	3746401	8446168	16623076	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Lin1	779046 21219388	1287048	2589485	5697518	11015433	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Lin1	2852579 81639590	4640680	9222258	20939223	41609910	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Lin1	4010565 116813894	6484721	12487590	28845961	58294542	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Lin1	5987736 196460807	9760491	19563472	47143570	97436908	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Lin1	4572868 141075927	7400562	14247776	34764240	71829399	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Lin1	3496379 119217443	5617778	11273291	27783669	58818946	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Lin1	6220148 191684824	9984558	19492658	46853714	96578739	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 21:24 Calibration End Date: 11/04/2015 22:46 Calibration ID: 31286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/28	P4000028.D
Level 2	STD01 240-205222/29	P4000029.D
Level 3	STD02 240-205222/30	P4000030.D
Level 4	STD05 240-205222/31	P4000031.D
Level 5	STD1 240-205222/32	P4000032.D
Level 6	STD2 240-205222/33	P4000033.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0178 0.0128	0.0153	0.0141	0.0136	0.0134	Lin1	0.0003	0.0128							1.0000		0.9900
PCB-1016 Peak 2	0.0346 0.0247	0.0296	0.0276	0.0265	0.0260	Lin1	0.0005	0.0249							0.9990		0.9900
PCB-1016 Peak 3	0.0686 0.0581	0.0603	0.0585	0.0592	0.0594	Lin1	0.0004	0.0582							1.0000		0.9900
PCB-1016 Peak 4	0.0299 0.0224	0.0253	0.0239	0.0233	0.0230	Lin1	0.0004	0.0224							1.0000		0.9900
PCB-1016 Peak 5	0.0240 0.0168	0.0200	0.0185	0.0179	0.0174	Lin1	0.0004	0.0168							1.0000		0.9900
PCB-1260 Peak 1	0.0436 0.0313	0.0346	0.0370	0.0366	0.0324	Lin1	0.0006	0.0318							0.9970		0.9900
PCB-1260 Peak 2	0.0509 0.0407	0.0443	0.0434	0.0430	0.0419	Lin1	0.0005	0.0409							1.0000		0.9900
PCB-1260 Peak 3	0.0730 0.0619	0.0645	0.0639	0.0642	0.0633	Lin1	0.0005	0.0622							1.0000		0.9900
PCB-1260 Peak 4	0.0854 0.0747	0.0754	0.0759	0.0763	0.0752	Lin1	0.0004	0.0747							1.0000		0.9900
PCB-1260 Peak 5	0.0603 0.0505	0.0529	0.0527	0.0524	0.0514	Lin1	0.0004	0.0506							1.0000		0.9900
Tetrachloro-m-xylene	0.6148 0.6612	0.6230	0.6064	0.6560	0.6839	Lin1	0	0.6687							0.9990		0.9900
DCB Decachlorobiphenyl	0.6529 0.5587	0.6535	0.6238	0.6147	0.5968	Lin1	0.0003	0.5721							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 21:24 Calibration End Date: 11/04/2015 22:46 Calibration ID: 31286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/28	P4000028.D
Level 2	STD01 240-205222/29	P4000029.D
Level 3	STD02 240-205222/30	P4000030.D
Level 4	STD05 240-205222/31	P4000031.D
Level 5	STD1 240-205222/32	P4000032.D
Level 6	STD2 240-205222/33	P4000033.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Lin1	2505369 69882586	4111263	7796552	18785371	36011409	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Lin1	4860352 135341671	7952057	15208450	36697302	70055011	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Lin1	9633407 317864937	16196776	32276710	81841773	160099876	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Lin1	4196549 122500558	6792634	13186046	32174406	61997458	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Lin1	3366584 91951765	5377572	10199028	24741933	46920127	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Lin1	6117308 171297828	9282513	20424127	50590638	87425397	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Lin1	7143308 222482028	11912264	23947828	59394587	112955799	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Lin1	10249479 338705571	17336680	35280631	88729710	170599873	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Lin1	11993019 408685041	20262999	41909124	105539759	202783930	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Lin1	8470490 276063433	14204582	29098510	72460597	138608189	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	4317714 180868998	8366942	16734439	45350885	92162505	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	4585127 152837892	8777594	17215039	42499125	80421640	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205222/39 Calibration Date: 11/05/2015 00:24

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000039.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0108		0.822	1.00	-17.8	20.0
PCB-1016 Peak 2	Lin1		0.0217		0.853	1.00	-14.7	20.0
PCB-1016 Peak 3	Lin1		0.0497		0.848	1.00	-15.2	20.0
PCB-1016 Peak 4	Lin1		0.0191		0.837	1.00	-16.3	20.0
PCB-1016 Peak 5	Lin1		0.0142		0.824	1.00	-17.6	20.0
PCB-1260 Peak 1	Lin1		0.0258		0.789	1.00	-21.1*	20.0
PCB-1260 Peak 2	Lin1		0.0324		0.781	1.00	-21.9*	20.0
PCB-1260 Peak 3	Lin1		0.0430		0.685	1.00	-31.5*	20.0
PCB-1260 Peak 4	Lin1		0.0708		0.943	1.00	-5.7	20.0
PCB-1260 Peak 5	Lin1		0.0461		0.903	1.00	-9.7	20.0
Tetrachloro-m-xylene	Lin1		0.6638		0.0500	0.0500	-0.0	20.0
DCB Decachlorobiphenyl	Lin1		0.5091		0.0439	0.0500	-12.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205222/39 Calibration Date: 11/05/2015 00:24

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000039.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.51	4.48	4.54
PCB-1016 Peak 2	5.20	5.16	5.22
PCB-1016 Peak 3	5.90	5.87	5.93
PCB-1016 Peak 4	6.11	6.07	6.13
PCB-1016 Peak 5	6.75	6.71	6.77
PCB-1260 Peak 1	8.11	8.08	8.14
PCB-1260 Peak 2	8.31	8.28	8.34
PCB-1260 Peak 3	8.63	8.59	8.65
PCB-1260 Peak 4	9.18	9.14	9.20
PCB-1260 Peak 5	9.48	9.44	9.50
Tetrachloro-m-xylene	3.59	3.55	3.61
DCB Decachlorobiphenyl	10.41	10.38	10.44

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/3 Calibration Date: 11/11/2015 11:01

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0146		0.549	0.500	9.8	20.0
PCB-1016 Peak 2	Lin1		0.0282		0.545	0.500	9.0	20.0
PCB-1016 Peak 3	Lin1		0.0618		0.525	0.500	5.0	20.0
PCB-1016 Peak 4	Lin1		0.0246		0.534	0.500	6.7	20.0
PCB-1016 Peak 5	Lin1		0.0186		0.530	0.500	6.1	20.0
PCB-1260 Peak 1	Lin1		0.0333		0.503	0.500	0.7	20.0
PCB-1260 Peak 2	Lin1		0.0427		0.510	0.500	1.9	20.0
PCB-1260 Peak 3	Lin1		0.0632		0.501	0.500	0.3	20.0
PCB-1260 Peak 4	Lin1		0.0741		0.491	0.500	-1.8	20.0
PCB-1260 Peak 5	Lin1		0.0509		0.494	0.500	-1.2	20.0
Tetrachloro-m-xylene	Lin1		0.6986		0.0264	0.0250	5.8	20.0
DCB Decachlorobiphenyl	Lin1		0.5950		0.0254	0.0250	1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/3 Calibration Date: 11/11/2015 11:01

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.49	4.46	4.52
PCB-1016 Peak 2	5.18	5.15	5.21
PCB-1016 Peak 3	5.88	5.85	5.91
PCB-1016 Peak 4	6.09	6.06	6.12
PCB-1016 Peak 5	6.73	6.70	6.76
PCB-1260 Peak 1	8.09	8.06	8.12
PCB-1260 Peak 2	8.30	8.27	8.33
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.16	9.13	9.19
PCB-1260 Peak 5	9.46	9.43	9.49
Tetrachloro-m-xylene	3.57	3.54	3.60
DCB Decachlorobiphenyl	10.40	10.37	10.43

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/4 Calibration Date: 11/11/2015 11:17

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 14:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 16:13

Lab File ID: P4000004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin1		0.0149		0.593	0.500	18.6	20.0
PCB-1232 Peak 2	Lin1		0.0121		0.604	0.500	20.8*	20.0
PCB-1232 Peak 3	Lin1		0.0235		0.569	0.500	13.8	20.0
PCB-1232 Peak 4	Lin1		0.0099		0.592	0.500	18.4	20.0
PCB-1232 Peak 5	Lin1		0.0080		0.600	0.500	19.9	20.0
PCB-1262 Peak 1	Lin1		0.0266		0.539	0.500	7.8	20.0
PCB-1262 Peak 2	Lin1		0.0407		0.535	0.500	7.0	20.0
PCB-1262 Peak 3	Lin1		0.0338		0.527	0.500	5.5	20.0
PCB-1262 Peak 4	Lin1		0.0787		0.515	0.500	3.0	20.0
PCB-1262 Peak 5	Lin1		0.0557		0.517	0.500	3.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/4 Calibration Date: 11/11/2015 11:17

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 14:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 16:13

Lab File ID: P4000004.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.49	4.46	4.52
PCB-1232 Peak 2	5.18	5.15	5.21
PCB-1232 Peak 3	5.89	5.86	5.92
PCB-1232 Peak 4	6.09	6.06	6.12
PCB-1232 Peak 5	6.88	6.85	6.91
PCB-1262 Peak 1	8.30	8.27	8.33
PCB-1262 Peak 2	8.70	8.67	8.73
PCB-1262 Peak 3	8.95	8.92	8.98
PCB-1262 Peak 4	9.16	9.13	9.19
PCB-1262 Peak 5	9.46	9.43	9.49

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/5 Calibration Date: 11/11/2015 11:34

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 16:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 17:51

Lab File ID: P4000005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0100		0.583	0.500	16.7	20.0
PCB-1242 Peak 2	Lin1		0.0189		0.571	0.500	14.1	20.0
PCB-1242 Peak 3	Lin1		0.0402		0.543	0.500	8.7	20.0
PCB-1242 Peak 4	Lin1		0.0163		0.557	0.500	11.4	20.0
PCB-1242 Peak 5	Lin1		0.0127		0.562	0.500	12.3	20.0
PCB-1268 Peak 1	Lin1		0.0893		0.490	0.500	-1.9	20.0
PCB-1268 Peak 2	Lin1		0.0866		0.491	0.500	-1.8	20.0
PCB-1268 Peak 3	Lin1		0.0761		0.496	0.500	-0.8	20.0
PCB-1268 Peak 4	Lin1		0.0306		0.490	0.500	-2.0	20.0
PCB-1268 Peak 5	Lin1		0.2305		0.468	0.500	-6.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/5 Calibration Date: 11/11/2015 11:34

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 16:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 17:51

Lab File ID: P4000005.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.50	4.47	4.53
PCB-1242 Peak 2	5.18	5.15	5.21
PCB-1242 Peak 3	5.89	5.86	5.92
PCB-1242 Peak 4	6.09	6.06	6.12
PCB-1242 Peak 5	6.73	6.70	6.76
PCB-1268 Peak 1	9.46	9.43	9.49
PCB-1268 Peak 2	9.50	9.47	9.53
PCB-1268 Peak 3	9.70	9.67	9.73
PCB-1268 Peak 4	9.93	9.90	9.96
PCB-1268 Peak 5	10.19	10.16	10.22

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/6 Calibration Date: 11/11/2015 11:50

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 18:08

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 19:30

Lab File ID: P4000006.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin1		0.0255		0.524	0.500	4.8	20.0
PCB-1248 Peak 2	Lin1		0.0130		0.533	0.500	6.6	20.0
PCB-1248 Peak 3	Lin1		0.0193		0.524	0.500	4.7	20.0
PCB-1248 Peak 4	Lin1		0.0236		0.516	0.500	3.2	20.0
PCB-1248 Peak 5	Lin1		0.0119		0.513	0.500	2.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/6 Calibration Date: 11/11/2015 11:50

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 18:08

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 19:30

Lab File ID: P4000006.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.88	5.85	5.91
PCB-1248 Peak 2	6.44	6.41	6.47
PCB-1248 Peak 3	6.73	6.70	6.76
PCB-1248 Peak 4	7.23	7.20	7.26
PCB-1248 Peak 5	7.91	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/7 Calibration Date: 11/11/2015 12:06

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 19:46

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 21:08

Lab File ID: P4000007.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin1		0.0071		0.575	0.500	15.0	20.0
PCB-1221 Peak 2	Lin1		0.0048		0.590	0.500	18.0	20.0
PCB-1221 Peak 3	Lin1		0.0173		0.565	0.500	13.1	20.0
PCB-1254 Peak 1	Lin1		0.0240		0.556	0.500	11.2	20.0
PCB-1254 Peak 2	Lin1		0.0379		0.530	0.500	6.1	20.0
PCB-1254 Peak 3	Lin1		0.0280		0.537	0.500	7.4	20.0
PCB-1254 Peak 4	Lin1		0.0225		0.526	0.500	5.1	20.0
PCB-1254 Peak 5	Lin1		0.0372		0.528	0.500	5.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/7 Calibration Date: 11/11/2015 12:06

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 19:46

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 21:08

Lab File ID: P4000007.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.15	4.12	4.18
PCB-1221 Peak 2	4.39	4.36	4.42
PCB-1221 Peak 3	4.50	4.47	4.53
PCB-1254 Peak 1	7.23	7.20	7.26
PCB-1254 Peak 2	7.91	7.88	7.94
PCB-1254 Peak 3	8.13	8.10	8.16
PCB-1254 Peak 4	8.45	8.42	8.48
PCB-1254 Peak 5	8.62	8.59	8.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206283/28 Calibration Date: 11/11/2015 17:50

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0144		0.541	0.500	8.2	20.0
PCB-1016 Peak 2	Lin1		0.0279		0.540	0.500	7.9	20.0
PCB-1016 Peak 3	Lin1		0.0609		0.517	0.500	3.4	20.0
PCB-1016 Peak 4	Lin1		0.0243		0.528	0.500	5.6	20.0
PCB-1016 Peak 5	Lin1		0.0182		0.519	0.500	3.9	20.0
PCB-1260 Peak 1	Lin1		0.0327		0.493	0.500	-1.4	20.0
PCB-1260 Peak 2	Lin1		0.0419		0.500	0.500	0.0	20.0
PCB-1260 Peak 3	Lin1		0.0623		0.494	0.500	-1.2	20.0
PCB-1260 Peak 4	Lin1		0.0728		0.482	0.500	-3.5	20.0
PCB-1260 Peak 5	Lin1		0.0501		0.486	0.500	-2.7	20.0
Tetrachloro-m-xylene	Lin1		0.6986		0.0264	0.0250	5.8	20.0
DCB Decachlorobiphenyl	Lin1		0.5154		0.0219	0.0250	-12.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206283/28 Calibration Date: 11/11/2015 17:50

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000028.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.51	4.48	4.54
PCB-1016 Peak 2	5.19	5.16	5.22
PCB-1016 Peak 3	5.90	5.87	5.93
PCB-1016 Peak 4	6.10	6.07	6.13
PCB-1016 Peak 5	6.74	6.71	6.77
PCB-1260 Peak 1	8.11	8.08	8.14
PCB-1260 Peak 2	8.31	8.28	8.34
PCB-1260 Peak 3	8.62	8.59	8.65
PCB-1260 Peak 4	9.17	9.14	9.20
PCB-1260 Peak 5	9.47	9.44	9.50
Tetrachloro-m-xylene	3.58	3.55	3.61
DCB Decachlorobiphenyl	10.41	10.38	10.44

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205809/21-A

Matrix: Solid | Lab File ID: P4000026.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 17:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	12	U	33	12
11104-28-2	Aroclor-1221	16	U	33	16
11141-16-5	Aroclor-1232	20	U	33	20
53469-21-9	Aroclor-1242	11	U	33	11
12672-29-6	Aroclor-1248	8.0	U	33	8.0
11097-69-1	Aroclor-1254	14	U	33	14
11096-82-5	Aroclor-1260	9.0	U	33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-205809/22-A

Matrix: Solid | Lab File ID: P4000027.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	196		33	12
11096-82-5	Aroclor-1260	201		33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	85		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: P4000030.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.65(g) | Date Analyzed: 11/11/2015 18:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	244		39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	260		39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD | Lab Sample ID: 240-57597-15 MSD

Matrix: Solid | Lab File ID: P4000031.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.78(g) | Date Analyzed: 11/11/2015 18:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	229		39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.4	U	39	9.4
11097-69-1	Aroclor-1254	16	U	39	16
11096-82-5	Aroclor-1260	238		39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-205222/4 IC		11/04/2015 14:51	1		CLP-1 0.53(mm)
STD005 240-205222/4 IC		11/04/2015 14:51	1	P4000004.D	CLP-2 0.53(mm)
STD01 240-205222/5 IC		11/04/2015 15:08	1		CLP-1 0.53(mm)
STD01 240-205222/5 IC		11/04/2015 15:08	1	P4000005.D	CLP-2 0.53(mm)
STD02 240-205222/6 IC		11/04/2015 15:24	1		CLP-1 0.53(mm)
STD02 240-205222/6 IC		11/04/2015 15:24	1	P4000006.D	CLP-2 0.53(mm)
STD05 240-205222/7 IC		11/04/2015 15:40	1		CLP-1 0.53(mm)
STD05 240-205222/7 IC		11/04/2015 15:40	1	P4000007.D	CLP-2 0.53(mm)
STD1 240-205222/8 IC		11/04/2015 15:57	1		CLP-1 0.53(mm)
STD1 240-205222/8 IC		11/04/2015 15:57	1	P4000008.D	CLP-2 0.53(mm)
STD2 240-205222/9 IC		11/04/2015 16:13	1		CLP-1 0.53(mm)
STD2 240-205222/9 IC		11/04/2015 16:13	1	P4000009.D	CLP-2 0.53(mm)
STD005 240-205222/10 IC		11/04/2015 16:30	1		CLP-1 0.53(mm)
STD005 240-205222/10 IC		11/04/2015 16:30	1	P4000010.D	CLP-2 0.53(mm)
STD01 240-205222/11 IC		11/04/2015 16:46	1		CLP-1 0.53(mm)
STD01 240-205222/11 IC		11/04/2015 16:46	1	P4000011.D	CLP-2 0.53(mm)
STD02 240-205222/12 IC		11/04/2015 17:02	1		CLP-1 0.53(mm)
STD02 240-205222/12 IC		11/04/2015 17:02	1	P4000012.D	CLP-2 0.53(mm)
STD05 240-205222/13 IC		11/04/2015 17:19	1		CLP-1 0.53(mm)
STD05 240-205222/13 IC		11/04/2015 17:19	1	P4000013.D	CLP-2 0.53(mm)
STD1 240-205222/14 IC		11/04/2015 17:35	1		CLP-1 0.53(mm)
STD1 240-205222/14 IC		11/04/2015 17:35	1	P4000014.D	CLP-2 0.53(mm)
STD2 240-205222/15 IC		11/04/2015 17:51	1		CLP-1 0.53(mm)
STD2 240-205222/15 IC		11/04/2015 17:51	1	P4000015.D	CLP-2 0.53(mm)
STD005 240-205222/16 IC		11/04/2015 18:08	1		CLP-1 0.53(mm)
STD005 240-205222/16 IC		11/04/2015 18:08	1	P4000016.D	CLP-2 0.53(mm)
STD01 240-205222/17 IC		11/04/2015 18:24	1		CLP-1 0.53(mm)
STD01 240-205222/17 IC		11/04/2015 18:24	1	P4000017.D	CLP-2 0.53(mm)
STD02 240-205222/18 IC		11/04/2015 18:41	1		CLP-1 0.53(mm)
STD02 240-205222/18 IC		11/04/2015 18:41	1	P4000018.D	CLP-2 0.53(mm)
STD05 240-205222/19 IC		11/04/2015 18:57	1		CLP-1 0.53(mm)
STD05 240-205222/19 IC		11/04/2015 18:57	1	P4000019.D	CLP-2 0.53(mm)
STD1 240-205222/20 IC		11/04/2015 19:13	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-205222/20 IC		11/04/2015 19:13	1	P4000020.D	CLP-2 0.53(mm)
STD2 240-205222/21 IC		11/04/2015 19:30	1		CLP-1 0.53(mm)
STD2 240-205222/21 IC		11/04/2015 19:30	1	P4000021.D	CLP-2 0.53(mm)
STD005 240-205222/22 IC		11/04/2015 19:46	1		CLP-1 0.53(mm)
STD005 240-205222/22 IC		11/04/2015 19:46	1	P4000022.D	CLP-2 0.53(mm)
STD01 240-205222/23 IC		11/04/2015 20:02	1		CLP-1 0.53(mm)
STD01 240-205222/23 IC		11/04/2015 20:02	1	P4000023.D	CLP-2 0.53(mm)
STD02 240-205222/24 IC		11/04/2015 20:19	1		CLP-1 0.53(mm)
STD02 240-205222/24 IC		11/04/2015 20:19	1	P4000024.D	CLP-2 0.53(mm)
STD05 240-205222/25 IC		11/04/2015 20:35	1		CLP-1 0.53(mm)
STD05 240-205222/25 IC		11/04/2015 20:35	1	P4000025.D	CLP-2 0.53(mm)
STD1 240-205222/26 IC		11/04/2015 20:51	1		CLP-1 0.53(mm)
STD1 240-205222/26 IC		11/04/2015 20:51	1	P4000026.D	CLP-2 0.53(mm)
STD2 240-205222/27 IC		11/04/2015 21:08	1		CLP-1 0.53(mm)
STD2 240-205222/27 IC		11/04/2015 21:08	1	P4000027.D	CLP-2 0.53(mm)
STD005 240-205222/28 IC		11/04/2015 21:24	1		CLP-1 0.53(mm)
STD005 240-205222/28 IC		11/04/2015 21:24	1	P4000028.D	CLP-2 0.53(mm)
STD01 240-205222/29 IC		11/04/2015 21:40	1		CLP-1 0.53(mm)
STD01 240-205222/29 IC		11/04/2015 21:40	1	P4000029.D	CLP-2 0.53(mm)
STD02 240-205222/30 IC		11/04/2015 21:57	1		CLP-1 0.53(mm)
STD02 240-205222/30 IC		11/04/2015 21:57	1	P4000030.D	CLP-2 0.53(mm)
STD05 240-205222/31 ICIS		11/04/2015 22:13	1		CLP-1 0.53(mm)
STD05 240-205222/31 ICIS		11/04/2015 22:13	1	P4000031.D	CLP-2 0.53(mm)
STD1 240-205222/32 IC		11/04/2015 22:29	1		CLP-1 0.53(mm)
STD1 240-205222/32 IC		11/04/2015 22:29	1	P4000032.D	CLP-2 0.53(mm)
STD2 240-205222/33 IC		11/04/2015 22:46	1		CLP-1 0.53(mm)
STD2 240-205222/33 IC		11/04/2015 22:46	1	P4000033.D	CLP-2 0.53(mm)
ICV 240-205222/34		11/04/2015 23:02	1		CLP-1 0.53(mm)
ICV 240-205222/34		11/04/2015 23:02	1		CLP-2 0.53(mm)
ICV 240-205222/35		11/04/2015 23:19	1		CLP-1 0.53(mm)
ICV 240-205222/35		11/04/2015 23:19	1		CLP-2 0.53(mm)
ICV 240-205222/36		11/04/2015 23:35	1		CLP-1 0.53(mm)
ICV 240-205222/36		11/04/2015 23:35	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-205222/37		11/04/2015 23:51	1		CLP-1 0.53(mm)
ICV 240-205222/37		11/04/2015 23:51	1		CLP-2 0.53(mm)
ICV 240-205222/38		11/05/2015 00:08	1		CLP-1 0.53(mm)
ICV 240-205222/38		11/05/2015 00:08	1		CLP-2 0.53(mm)
ICV 240-205222/39		11/05/2015 00:24	1		CLP-1 0.53(mm)
ICV 240-205222/39		11/05/2015 00:24	1	P4000039.D	CLP-2 0.53(mm)
ICV 240-205222/40		11/05/2015 00:40	1		CLP-1 0.53(mm)
ICV 240-205222/40		11/05/2015 00:40	1		CLP-2 0.53(mm)
ICV 240-205222/41		11/05/2015 00:57	1		CLP-1 0.53(mm)
ICV 240-205222/41		11/05/2015 00:57	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/11/2015 11:01

Analysis Batch Number: 206283 End Date: 11/11/2015 18:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206283/3 CCVIS		11/11/2015 11:01	1		CLP-1 0.53(mm)
CCV 240-206283/3 CCVIS		11/11/2015 11:01	1	P4000003.D	CLP-2 0.53(mm)
CCV 240-206283/4		11/11/2015 11:17	1		CLP-1 0.53(mm)
CCV 240-206283/4		11/11/2015 11:17	1	P4000004.D	CLP-2 0.53(mm)
CCV 240-206283/5		11/11/2015 11:34	1		CLP-1 0.53(mm)
CCV 240-206283/5		11/11/2015 11:34	1	P4000005.D	CLP-2 0.53(mm)
CCV 240-206283/6		11/11/2015 11:50	1		CLP-1 0.53(mm)
CCV 240-206283/6		11/11/2015 11:50	1	P4000006.D	CLP-2 0.53(mm)
CCV 240-206283/7		11/11/2015 12:06	1		CLP-1 0.53(mm)
CCV 240-206283/7		11/11/2015 12:06	1	P4000007.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:28	1		CLP-1 0.53(mm)
240-57597-1	F-VB-UST-1-14	11/11/2015 13:28	1	P4000012.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:45	1		CLP-1 0.53(mm)
240-57597-2	F-VB-UST-2-14	11/11/2015 13:45	1	P4000013.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:01	1		CLP-1 0.53(mm)
240-57597-3	F-VB-UST-3-14	11/11/2015 14:01	1	P4000014.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:17	1		CLP-1 0.53(mm)
240-57597-4	F-VB-UST-4-14	11/11/2015 14:17	1	P4000015.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:33	1		CLP-1 0.53(mm)
240-57597-5	F-VB-UST-5-14	11/11/2015 14:33	1	P4000016.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:50	1		CLP-1 0.53(mm)
240-57597-6	F-VB-UST-6-14	11/11/2015 14:50	1	P4000017.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:06	1		CLP-1 0.53(mm)
240-57597-7	F-VB-UST-7-14	11/11/2015 15:06	1	P4000018.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:23	1		CLP-1 0.53(mm)
240-57597-8	F-VB-UST-8-14	11/11/2015 15:23	1	P4000019.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:39	1		CLP-1 0.53(mm)
240-57597-9	F-VB-UST-9-14	11/11/2015 15:39	1	P4000020.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:55	1		CLP-1 0.53(mm)
240-57597-10	F-VB-UST-10-14	11/11/2015 15:55	1	P4000021.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:12	1		CLP-1 0.53(mm)
240-57597-11	F-VB-UST-11-14	11/11/2015 16:12	1	P4000022.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:28	1		CLP-1 0.53(mm)
240-57597-12	F-VB-UST-12-14	11/11/2015 16:28	1	P4000023.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:44	1		CLP-1 0.53(mm)
240-57597-13	F-VB-UST-13-14	11/11/2015 16:44	1	P4000024.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:01	1		CLP-1 0.53(mm)
240-57597-14	F-VB-UST-14-14	11/11/2015 17:01	1	P4000025.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:17	1		CLP-1 0.53(mm)
MB 240-205809/21-A		11/11/2015 17:17	1	P4000026.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:33	1		CLP-1 0.53(mm)
LCS 240-205809/22-A		11/11/2015 17:33	1	P4000027.D	CLP-2 0.53(mm)
CCVIS 240-206283/28		11/11/2015 17:50	1		CLP-1 0.53(mm)
CCVIS 240-206283/28		11/11/2015 17:50	1	P4000028.D	CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/11/2015 11:01

Analysis Batch Number: 206283 End Date: 11/11/2015 18:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 18:06	1		CLP-1 0.53(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 18:06	1	P4000029.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:22	1		CLP-1 0.53(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 18:22	1	P4000030.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:39	1		CLP-1 0.53(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 18:39	1	P4000031.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205809 Batch Start Date: 11/09/15 11:00 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 03:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ex10PPMSPK 00018	ex2/.2SURRW 00062		
240-57597-E-1	F-VB-UST-1-14	3540C, 8082A	T	29.54 g	10 mL		1 mL		
240-57597-D-2	F-VB-UST-2-14	3540C, 8082A	T	30.07 g	10 mL		1 mL		
240-57597-E-3	F-VB-UST-3-14	3540C, 8082A	T	30.14 g	10 mL		1 mL		
240-57597-E-4	F-VB-UST-4-14	3540C, 8082A	T	29.54 g	10 mL		1 mL		
240-57597-E-5	F-VB-UST-5-14	3540C, 8082A	T	30.48 g	10 mL		1 mL		
240-57597-E-6	F-VB-UST-6-14	3540C, 8082A	T	29.87 g	10 mL		1 mL		
240-57597-E-7	F-VB-UST-7-14	3540C, 8082A	T	30.04 g	10 mL		1 mL		
240-57597-D-8	F-VB-UST-8-14	3540C, 8082A	T	29.74 g	10 mL		1 mL		
240-57597-E-9	F-VB-UST-9-14	3540C, 8082A	T	30.07 g	10 mL		1 mL		
240-57597-E-10	F-VB-UST-10-14	3540C, 8082A	T	29.97 g	10 mL		1 mL		
240-57597-D-11	F-VB-UST-11-14	3540C, 8082A	T	30.28 g	10 mL		1 mL		
240-57597-D-12	F-VB-UST-12-14	3540C, 8082A	T	30.29 g	10 mL		1 mL		
240-57597-D-13	F-VB-UST-13-14	3540C, 8082A	T	30.41 g	10 mL		1 mL		
240-57597-E-14	F-VB-UST-14-14	3540C, 8082A	T	30.19 g	10 mL		1 mL		
240-57597-E-15	F-VB-UST-DUP	3540C, 8082A	T	30.34 g	10 mL		1 mL		
240-57597-E-15 MS	F-VB-UST-DUP	3540C, 8082A	T	29.65 g	10 mL	1 mL	1 mL		
240-57597-E-15 MSD	F-VB-UST-DUP	3540C, 8082A	T	29.78 g	10 mL	1 mL	1 mL		
MB 240-205809/21		3540C, 8082A		30 g	10 mL		1 mL		
LCS 240-205809/22		3540C, 8082A		30 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	2226515
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2247000

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57597-1

SDG No.:

Project: MRC Soil Remedy Block F UST

Client Sample ID	Lab Sample ID
F-VB-UST-1-14	240-57597-1
F-VB-UST-2-14	240-57597-2
F-VB-UST-3-14	240-57597-3
F-VB-UST-4-14	240-57597-4
F-VB-UST-5-14	240-57597-5
F-VB-UST-6-14	240-57597-6
F-VB-UST-7-14	240-57597-7
F-VB-UST-8-14	240-57597-8
F-VB-UST-9-14	240-57597-9
F-VB-UST-10-14	240-57597-10
F-VB-UST-11-14	240-57597-11
F-VB-UST-12-14	240-57597-12
F-VB-UST-13-14	240-57597-13
F-VB-UST-14-14	240-57597-14
F-VB-UST-DUP	240-57597-15

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57597-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57597-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/09/2015 10:19 End Date: 11/09/2015 10:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
240-57597-1	1	T	10:19	X	X																		
240-57597-1 DU	1	T	10:19	X	X																		
240-57597-2	1	T	10:19	X	X																		
240-57597-3	1	T	10:19	X	X																		
240-57597-4	1	T	10:19	X	X																		
240-57597-5	1	T	10:19	X	X																		
240-57597-6	1	T	10:19	X	X																		
240-57597-7	1	T	10:19	X	X																		
240-57597-8	1	T	10:19	X	X																		
240-57597-9	1	T	10:19	X	X																		
240-57597-10	1	T	10:19	X	X																		
240-57597-10 DU	1	T	10:19	X	X																		
240-57597-11	1	T	10:19	X	X																		
240-57597-12	1	T	10:19	X	X																		
240-57597-13	1	T	10:19	X	X																		
240-57597-14	1	T	10:19	X	X																		
240-57597-15	1	T	10:19	X	X																		
ZZZZZZ			10:19																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/09/2015 10:19 End Date: 11/09/2015 10:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			10:19																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/09/2015 10:19 End Date: 11/09/2015 10:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			10:19																					
ZZZZZZ			10:19																					
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ZZZZZZ			10:19																					
ZZZZZZ			10:19																					

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205828 Batch Start Date: 11/09/15 10:19 Batch Analyst: Nolle, Laura C

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-57597-A-1	F-VB-UST-1-14	Moisture	T	4.3999 g	10.3790 g	9.4392 g			
240-57597-A-1 DU	F-VB-UST-1-14	Moisture	T	4.3999 g	7.3944 g	6.9197 g			
240-57597-A-2	F-VB-UST-2-14	Moisture	T	4.3999 g	15.6278 g	13.9472 g			
240-57597-A-3	F-VB-UST-3-14	Moisture	T	4.3999 g	18.5326 g	16.0226 g			
240-57597-A-4	F-VB-UST-4-14	Moisture	T	4.3999 g	12.1776 g	10.9626 g			
240-57597-A-5	F-VB-UST-5-14	Moisture	T	4.3999 g	11.5850 g	10.4924 g			
240-57597-A-6	F-VB-UST-6-14	Moisture	T	4.3999 g	16.0347 g	14.1108 g			
240-57597-A-7	F-VB-UST-7-14	Moisture	T	4.3999 g	15.3864 g	13.6038 g			
240-57597-A-8	F-VB-UST-8-14	Moisture	T	4.3999 g	12.8669 g	11.3431 g			
240-57597-A-9	F-VB-UST-9-14	Moisture	T	4.3999 g	14.6966 g	12.7294 g			
240-57597-A-10	F-VB-UST-10-14	Moisture	T	4.3999 g	12.7867 g	11.6604 g			
240-57597-A-10 DU	F-VB-UST-10-14	Moisture	T	4.3999 g	8.0824 g	7.5869 g			
240-57597-A-11	F-VB-UST-11-14	Moisture	T	4.3999 g	14.0661 g	12.4699 g			
240-57597-A-12	F-VB-UST-12-14	Moisture	T	4.3999 g	14.4309 g	12.8362 g			
240-57597-A-13	F-VB-UST-13-14	Moisture	T	4.3999 g	11.8606 g	10.7651 g			
240-57597-A-14	F-VB-UST-14-14	Moisture	T	4.3999 g	12.8355 g	11.6131 g			
240-57597-A-15	F-VB-UST-DUP	Moisture	T	4.3999 g	14.0784 g	12.6776 g			

Batch Notes	
Balance ID	B047 No Unit
Date and Time Samples in Desiccator	0600 11/9/15
Date and Time Samples out of Desiccator	11/9/15 0930
Date samples were placed in the oven	11/6/15
Oven Temp when samples are put in oven	104 Degrees C
Date samples were removed from oven	11/9/15
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	0600
Oven ID	002
ID number of the thermometer	TempGuard Box-C #6

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205828 Batch Start Date: 11/09/15 10:19 Batch Analyst: Nolle, Laura C

Batch Method: Moisture Batch End Date:

Basis	Basis Description
T	Total/NA

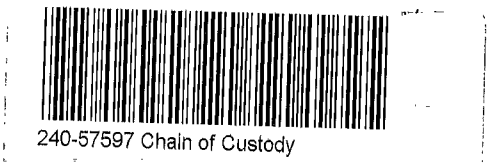
The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

0.8/C0.9
2.1/C2.2

Chain of Custody Record #46 016125

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: J. MULLIS	Date: 11/5/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412-559-8133	Lab Contact: J. MCFADDEN	Carrier: FedEx	1 of 2 COCs
Address: 20251 CENTURY BLVD STE 200	Analysis Turnaround Time			Sampler:
City/State/Zip: GERMANTOWN, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below _____			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks			Lab Sampling:
Project Name: MRC SOIL REMENT	☒ 1 week			
Site: BLOCK F UST	☐ 2 days			Job / SDG No.:
PO # 112IC07336	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs (8260C)	SVOCs (8270D)	TPH GRO/DRO (8015B)	TCLP Metals (1311 then 6010)	PCBs (8082A)	Ignitability	Sample Specific Notes:
F-VB-UST-1-14	11/5/15	0900	G	SO	4			X	X	X	X	X		
F-VB-UST-2-14		0902						X	X	X	X	X		
F-VB-UST-3-14		0904						X	X	X	X	X		
F-VB-UST-4-14		0906						X	X	X	X	X		
F-VB-UST-5-14		0908						X	X	X	X	X		
F-VB-UST-6-14		0910						X	X	X	X	X		
F-VB-UST-7-14		0912						X	X	X	X	X		
F-VB-UST-8-14		0914						X	X	X	X	X		
F-VB-UST-9-14		0916						X	X	X	X	X		
F-VB-UST-10-14		0918						X	X	X	X	X		
F-VB-UST-11-14		0920						X	X	X	X	X		
F-VB-UST-12-14		0922						X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: MRC SOIL REMENT: BLOCK F UST BASE CONFIRMATION SAMPLES

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: TETRA TECH	Date/Time: 11/5/15 1530	Received by:	Company: TestAmerica	Date/Time: 11/5/15 1530
Relinquished by:	Company: TestAmerica	Date/Time: 11/5/15 1618	Received by:	Company: TA	Date/Time: 11.6.15 1020
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record

#46

016124

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: J. Mullis	Date: 11/5/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412-559-8133	Lab Contact: J. McFadden	Carrier: FedEx	2 of 2 COCs
Address: 20251 Century Blvd. Ste. 200	Analysis Turnaround Time			Sampler:
City/State/Zip: Germantown, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below _____			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks			Lab Sampling:
Project Name: MRC SOIL REMEDY	☒ 1 week			
Site: BLOCK F UST CONFIRMATION	☐ 2 days			Job / SDG No.:
P O # 112IC07336	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs (8260C)	SVOCs (8270D)	TPH GRO/DRO (8015B)	TCLP Metals (1311+6010)	RCRA (8015B)	Sample Specific Notes:
F-VB-UST-13-14	11/5/15	0924	G	SO	4			X	X	X	X	X	
F-VB-UST-14-14		0926						X	X	X	X	X	
F-VB-UST-DUP		—						X	X	X	X	X	# DUPLICATE
TB-110515		—		AQ	2			X					

Page 814 of 816

11/5/15

Preservation Used: (1= Ice) 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: SEE PAGE 1

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: TETRA TECH	Date/Time: 11/5/15 1530	Received by:	Company: TestAmerica	Date/Time: 11/5/15 1530
Relinquished by:	Company: TestAmerica	Date/Time: 11/5/15 1618	Received by:	Company: TA	Date/Time: 11-6-15 1020
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Canton Sample Receipt Form/Narrative Login # : 57507
Canton Facility

Client Tetra Tech Site Name _____ Cooler unpacked by:

Cooler Received on 11-6-15 Opened on 11-6-15

FedEx: 1st Grd ~~Exp~~ UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box ~~Other~~ _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
   IR GUN# 53 (CF **+0.1** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN# 48 (CF **-0.3** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C ☑ See Multiple Cooler Form
   ~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C~~
   IR GUN# 8 (CF **-0.5** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2	~~Yes~~	No
-Were custody seals on the outside of the cooler(s) signed & dated?	~~Yes~~	No NA
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	~~No~~
3. Shippers' packing slip attached to the cooler(s)?	~~Yes~~	No
4. Did custody papers accompany the sample(s)?	~~Yes~~	No
5. Were the custody papers relinquished & signed in the appropriate place?	~~Yes~~	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	~~No~~
7. Did all bottles arrive in good condition (Unbroken)?	~~Yes~~	No
8. Could all bottle labels be reconciled with the COC?	~~Yes~~	No
9. Were correct bottle(s) used for the test(s) indicated?	~~Yes~~	No
10. Sufficient quantity received to perform indicated analyses?	~~Yes~~	No
11. Were sample(s) at the correct pH upon receipt?	Yes	No ~~NA~~ pH Strip Lot# **HC554612**
12. Were VOAs on the COC?	~~Yes~~	No
13. Were air bubbles >6 mm in any VOA vials?	Yes	~~No~~ NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot #_____	~~Yes~~	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 575097

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	53	0.8	0.9	ice
1	1	2.1	2.2	1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-57930-1

Job Description: LM MRC Block F UST Pipe Inv.

For:
Tetra Tech, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220-2745

Attention: Mr. Scott Nesbit

Approved for release.
John McFadden
Project Manager I
11/30/2015 1:57 PM

John McFadden, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
john.mcfadden@testamericainc.com
11/30/2015
Revision: 1

cc: Tony Apanavage
Samantha Brenner
Kelly Carper
Tobrena Sedlmyer

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

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CASE NARRATIVE

Client: Tetra Tech, Inc.

Project: LM MRC Block F UST Pipe Inv.

Report Number: 240-57930-1
Revision 1

This report was revised on 11/30/15 to include the Form III's in the final report that were initially not included due to a linking issue with the laboratory's computer system.

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/14/2015 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 11/18/2015, 11/19/2015 and 11/20/2015.

Toluene was detected in method blanks MB 240-207343/6 and MB 240-207560/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank MB 240-207720/8 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) analyzed in batch 240-207343 was outside the method criteria for the following analytes: Carbon Tetrachloride, 2-Hexanone, 2-Methyl-2-propanol, 2-Chloroethyl Vinyl Ether, 4-Methyl-2-pentanone, 1,1,1-Trichloroethane, 2,2-Dichloropropane, Trichlorofluoromethane, 2-Butanone, and tert-Amyl Methyl Ether. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samples: F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-3 (240-57930-3), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10), F-VS-UST-P-DUP (240-57930-11), (CCV 240-207343/4), (CCVIS 240-207343/3), (LCS 240-207343/5), (LCS 240-207343/7), and (MB 240-207343/6), and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 240-207720 was outside the method criteria for the following analytes: trans-1,3-Dichloropropene and Dichloro-difluoromethane. An MRL standard at or below the reporting limit (RL) was analyzed with the

affected samples: F-VS-UST-P-2 (240-57930-2), (CCV 240-207720/5), (CCVIS 240-207720/4), (LCS 240-207720/6) and (MB 240-207720/8), and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 240-207560 was outside the method criteria for the following analytes: 2-Hexanone, Acetone, 2-Methyl-2-propanol, 2-Chloroethyl Vinyl Ether, Chloromethane, 4-Methyl-2-pentanone, and 2-Butanone. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samples: F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-4 (240-57930-4), (CCV 240-207560/4), (CCVIS 240-207560/3), (LCS 240-207560/5), (LCS 240-207560/7) and (MB 240-207560/6) and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

An MS/MSD was analyzed in batch 240-207343. However due to poor purging or matrix interference the sample and MS/MSD could not be reported. Samples in the batch are: F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-3 (240-57930-3), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10), and F-VS-UST-P-DUP (240-57930-11).

Internal standard (ISTD) response for the following sample was outside control limits: F-VS-UST-P-4 (240-57930-4). The sample was re-extracted and/or re-analyzed with concurring results, and the original set of data has been reported.

Sample F-VS-UST-P-2 (240-57930-2) had a reanalysis that had different results than the original analysis. This is most likely due to non-homogeneity in the sample. Both runs are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TB-111315 (240-57930-12) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The sample was analyzed on 11/17/2015.

Methylene Chloride was detected in method blank MB 240-207096/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for analytical batch 240-207096 recovered outside control limits for 1,2,3-Trichlorobenzene. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed: TB-111315 (240-57930-12).

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample: TB-111315 (240-57930-12).

The continuing calibration verification (CCV) for analytical batch 207096 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required: TB-111315 (240-57930-12).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/16/2015 and analyzed on 11/19/2015.

Bis(2-ethylhexyl) phthalate was detected in method blanks MB 240-206887/23-A and MB 240-206908/21-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Sample F-VS-UST-P-3 (240-57930-3)[2.5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS

Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015C - GRO. The samples were prepared and analyzed on 11/16/2015, 11/17/2015 and 11/18/2015.

Gasoline Range Organics [C6 - C10] was detected in method blank MB 240-207078/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS (DRO)
Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 11/16/2015 and 11/17/2015 and analyzed on 11/18/2015 and 11/19/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/16/2015 and analyzed on 11/18/2015 and 11/19/2015.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-6 (240-57930-10), F-VS-UST-P-DUP (240-57930-11), and (240-57880-E-1-A). Reagents: 2289919, 1848564, and 2283702.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS
Samples F-VS-UST-P-1 (240-57930-1), F-VS-UST-P-2 (240-57930-2), F-VS-UST-P-3 (240-57930-3), F-VS-UST-P-4 (240-57930-4), F-VB-UST-P-1 (240-57930-5), F-VB-UST-P-2 (240-57930-6), F-VB-UST-P-3 (240-57930-7), F-VB-UST-P-4 (240-57930-8), F-VB-UST-P-5 (240-57930-9), F-VB-UST-P-6 (240-57930-10) and F-VS-UST-P-DUP (240-57930-11) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/16/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 206629

Lab Sample ID: STD5 240-206629/2 IC Client Sample ID:

Date Analyzed: 11/13/15 09:35 Lab File ID: 51113002.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.83	Poor chromatography	gruberj	11/13/15 09:55
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 09:55
Pyridine	3.32	Poor chromatography	gruberj	11/13/15 09:55
Benzoic acid	6.93	Poor chromatography	gruberj	11/13/15 09:55

Lab Sample ID: STD4 240-206629/3 IC Client Sample ID:

Date Analyzed: 11/13/15 09:59 Lab File ID: 51113003.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 11:07
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 11:07
Pyridine	3.30	Poor chromatography	gruberj	11/13/15 11:07
Benzoic acid	6.91	Poor chromatography	gruberj	11/13/15 11:07

Lab Sample ID: STD3 240-206629/4 IC Client Sample ID:

Date Analyzed: 11/13/15 10:23 Lab File ID: 51113004.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.83	Poor chromatography	gruberj	11/13/15 11:09
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 11:09
Pyridine	3.33	Poor chromatography	gruberj	11/13/15 11:09
Benzoic acid	6.90	Poor chromatography	gruberj	11/13/15 11:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 206629

Lab Sample ID: STD2 240-206629/5 IC Client Sample ID:

Date Analyzed: 11/13/15 10:48 Lab File ID: 51113005.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 11:12
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 11:12
Pyridine	3.33	Poor chromatography	gruberj	11/13/15 11:12

Lab Sample ID: STD1 240-206629/6 IC Client Sample ID:

Date Analyzed: 11/13/15 11:12 Lab File ID: 51113006.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[g,h,i]perylene	16.94	Poor chromatography	gruberj	11/13/15 12:57

Lab Sample ID: STD8 240-206629/8 IC Client Sample ID:

Date Analyzed: 11/13/15 12:00 Lab File ID: 51113008.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 13:02
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 13:02
Pyridine	3.33	Poor chromatography	gruberj	11/13/15 13:02
Caprolactam	7.57	Poor chromatography	gruberj	11/13/15 13:02

Lab Sample ID: STD7 240-206629/9 IC Client Sample ID:

Date Analyzed: 11/13/15 12:24 Lab File ID: 51113009.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 13:04
N-Nitrosodimethylamine	3.27	Poor chromatography	gruberj	11/13/15 13:04
Pyridine	3.30	Poor chromatography	gruberj	11/13/15 13:04
Caprolactam	7.56	Poor chromatography	gruberj	11/13/15 13:04

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 206629

Lab Sample ID: STD6 240-206629/10 ICIS Client Sample ID:

Date Analyzed: 11/13/15 12:48 Lab File ID: 51113010.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 13:07
N-Nitrosodimethylamine	3.26	Poor chromatography	gruberj	11/13/15 13:07
Pyridine	3.30	Poor chromatography	gruberj	11/13/15 13:07
Benzoic acid	6.96	Poor chromatography	gruberj	11/13/15 13:07
Caprolactam	7.54	Poor chromatography	gruberj	11/13/15 13:07

Lab Sample ID: ICV 240-206629/11 Client Sample ID:

Date Analyzed: 11/13/15 13:12 Lab File ID: 51113011.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 13:34

Lab Sample ID: STD9 240-206629/12 IC Client Sample ID:

Date Analyzed: 11/13/15 13:36 Lab File ID: 51113012.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.78	Poor chromatography	gruberj	11/13/15 13:53
Pyridine	3.30	Poor chromatography	gruberj	11/13/15 13:53
Benzoic acid	6.99	Poor chromatography	gruberj	11/13/15 13:53
Caprolactam	7.57	Poor chromatography	gruberj	11/13/15 13:53

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 207287

Lab Sample ID: CCV 240-207287/2 CCVIS Client Sample ID:

Date Analyzed: 11/18/15 08:26 Lab File ID: 51118002.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.75	Poor chromatography	gruberj	11/18/15 08:46
N-Nitrosodimethylamine	3.20	Poor chromatography	gruberj	11/18/15 08:46
Pyridine	3.27	Poor chromatography	gruberj	11/18/15 08:46
Benzoic acid	6.93	Poor chromatography	gruberj	11/18/15 08:46

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 207541

Lab Sample ID: CCV 240-207541/2 CCVIS Client Sample ID:

Date Analyzed: 11/19/15 09:50 Lab File ID: 51119002.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.72	Poor chromatography	ulmanm	11/19/15 10:12
N-Nitrosodimethylamine	3.17	Poor chromatography	ulmanm	11/19/15 10:12
Pyridine	3.23	Poor chromatography	ulmanm	11/19/15 10:12
Benzoic acid	6.93	Poor chromatography	ulmanm	11/19/15 10:12
Caprolactam	7.51	Poor chromatography	ulmanm	11/19/15 10:12

Lab Sample ID: 240-57930-2 Client Sample ID: F-VS-UST-P-2

Date Analyzed: 11/19/15 19:23 Lab File ID: 51119026.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[g,h,i]perylene	16.85	Poor chromatography	gruberj	11/20/15 09:21

Lab Sample ID: 240-57930-11 Client Sample ID: F-VS-UST-P-DUP

Date Analyzed: 11/19/15 20:10 Lab File ID: 51119028.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	14.11	Poor chromatography	gruberj	11/20/15 09:26

Lab Sample ID: 240-57930-4 Client Sample ID: F-VS-UST-P-4

Date Analyzed: 11/19/15 20:34 Lab File ID: 51119029.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	14.12	Poor chromatography	gruberj	11/20/15 09:28

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Analysis Batch Number: 207541

Lab Sample ID: 240-57930-3 Client Sample ID: F-VS-UST-P-3

Date Analyzed: 11/19/15 20:57 Lab File ID: 51119030.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	14.11	Poor chromatography	gruberj	11/20/15 09:30

GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: AFID Analysis Batch Number: 194508

Lab Sample ID: STD1 240-194508/7 IC Client Sample ID:

Date Analyzed: 08/24/15 13:59 Lab File ID: A0082107.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	10.34	Baseline Smoothing	bosworthh	08/25/15 10:02
Gasoline Range Organics [C6 - C10]	11.46	Baseline Smoothing	bosworthh	08/25/15 10:02
C6-C12	12.73	Baseline Smoothing	bosworthh	08/25/15 10:02

GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: AFID Analysis Batch Number: 207246

Lab Sample ID: 240-57930-3 Client Sample ID: F-VS-UST-P-3

Date Analyzed: 11/18/15 17:04 Lab File ID: A0111819.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	10.37	Baseline Smoothing	reedr	11/19/15 06:16
Gasoline Range Organics [C6 - C10]	11.56	Baseline Smoothing	reedr	11/19/15 06:16

GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: YPID Analysis Batch Number: 206833

Lab Sample ID: MB 240-206878/1-A Client Sample ID:

Date Analyzed: 11/16/15 10:10 Lab File ID: Y0111609.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Gasoline Range Organics [C6 - C10]	11.92	Baseline Smoothing	reedr	11/17/15 06:42

Lab Sample ID: 240-57930-1 Client Sample ID: F-VS-UST-P-1

Date Analyzed: 11/16/15 11:18 Lab File ID: Y0111611.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.73	Baseline Smoothing	reedr	11/17/15 06:43
Gasoline Range Organics [C6 - C10]	11.92	Baseline Smoothing	reedr	11/17/15 06:43

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 207465

Lab Sample ID: CCV 240-207465/7 CCVRT Client Sample ID:

Date Analyzed: 11/18/15 21:17 Lab File ID: P5B11807.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/19/15 10:51

Lab Sample ID: CCV 240-207465/14 Client Sample ID:

Date Analyzed: 11/19/15 00:58 Lab File ID: P5B11814.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/19/15 10:56

Lab Sample ID: 240-57930-11 MS Client Sample ID: F-VS-UST-P-DUP MS

Date Analyzed: 11/19/15 04:38 Lab File ID: P5B11821.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/19/15 10:56

Lab Sample ID: 240-57930-11 MSD Client Sample ID: F-VS-UST-P-DUP MSD

Date Analyzed: 11/19/15 05:10 Lab File ID: P5B11822.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/19/15 10:56

Lab Sample ID: CCV 240-207465/23 Client Sample ID:

Date Analyzed: 11/19/15 05:42 Lab File ID: P5B11823.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl (Surr)	9.83	Other	bolgrind	11/19/15 10:57

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Analysis Batch Number: 207007

Lab Sample ID: STD05 240-207007/7 IC Client Sample ID:

Date Analyzed: 11/16/15 21:09 Lab File ID: P1200042.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 2	8.75	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 3	9.03	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 5	9.77	Baseline Smoothing	hassl	11/17/15 06:39

Lab Sample ID: STD1 240-207007/8 IC Client Sample ID:

Date Analyzed: 11/16/15 21:27 Lab File ID: P1200043.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 2	8.75	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 3	9.03	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 5	9.77	Baseline Smoothing	hassl	11/17/15 06:40

Lab Sample ID: STD02 240-207007/30 IC Client Sample ID:

Date Analyzed: 11/17/15 04:05 Lab File ID: P1200065.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	4.61	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 2	5.11	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 3	5.74	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 4	5.91	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 5	6.45	Baseline Smoothing	hassl	11/17/15 06:42

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Analysis Batch Number: 207007

Lab Sample ID: ICV 240-207007/39 Client Sample ID:

Date Analyzed: 11/17/15 06:48 Lab File ID: P1200074.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 2	8.29	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 3	8.61	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 5	9.72	Baseline Smoothing	hassl	11/17/15 08:38

SAMPLE SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-57930-1	F-VS-UST-P-1	Solid	11/13/2015 1030	11/14/2015 0945
240-57930-2	F-VS-UST-P-2	Solid	11/13/2015 1035	11/14/2015 0945
240-57930-3	F-VS-UST-P-3	Solid	11/13/2015 1040	11/14/2015 0945
240-57930-4	F-VS-UST-P-4	Solid	11/13/2015 1045	11/14/2015 0945
240-57930-5	F-VB-UST-P-1	Solid	11/13/2015 1000	11/14/2015 0945
240-57930-6	F-VB-UST-P-2	Solid	11/13/2015 1005	11/14/2015 0945
240-57930-7	F-VB-UST-P-3	Solid	11/13/2015 1010	11/14/2015 0945
240-57930-8	F-VB-UST-P-4	Solid	11/13/2015 1015	11/14/2015 0945
240-57930-9	F-VB-UST-P-5	Solid	11/13/2015 1020	11/14/2015 0945
240-57930-10	F-VB-UST-P-6	Solid	11/13/2015 1025	11/14/2015 0945
240-57930-11	F-VS-UST-P-DUP	Solid	11/13/2015 0000	11/14/2015 0945
240-57930-12	TB-111315	Water	11/13/2015 0000	11/14/2015 0945

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-1	**F-VS-UST-P-1**					
1,2,3-Trimethylbenzene		0.87	J	5.7	ug/Kg	8260C
2-Butanone (MEK)		18	J	23	ug/Kg	8260C
Acetone		86		23	ug/Kg	8260C
Benzene		1.8	J	5.7	ug/Kg	8260C
Isopropylbenzene		14		5.7	ug/Kg	8260C
m-Xylene & p-Xylene		1.9	J	11	ug/Kg	8260C
Naphthalene		1.1	J	5.7	ug/Kg	8260C
n-Butylbenzene		7.1		5.7	ug/Kg	8260C
N-Propylbenzene		20		5.7	ug/Kg	8260C
o-Xylene		0.75	J	5.7	ug/Kg	8260C
sec-Butylbenzene		8.6		5.7	ug/Kg	8260C
Toluene		1.2	J B	5.7	ug/Kg	8260C
Xylenes, Total		2.7	J	11	ug/Kg	8260C
tert-Butylbenzene		2.3	J	5.7	ug/Kg	8260C
2-Methylnaphthalene		7.1	J	8.0	ug/Kg	8270D
Anthracene		4.6	J	8.0	ug/Kg	8270D
Benzaldehyde		17	J	120	ug/Kg	8270D
Benzo[a]anthracene		12		8.0	ug/Kg	8270D
Benzo[a]pyrene		12		8.0	ug/Kg	8270D
Benzo[b]fluoranthene		17		8.0	ug/Kg	8270D
Benzo[g,h,i]perylene		8.7		8.0	ug/Kg	8270D
Benzo[k]fluoranthene		9.7		8.0	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		23	J B	84	ug/Kg	8270D
Chrysene		18		8.0	ug/Kg	8270D
Dibenzofuran		14	J	60	ug/Kg	8270D
Fluoranthene		27		8.0	ug/Kg	8270D
Fluorene		4.8	J	8.0	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		7.3	J	8.0	ug/Kg	8270D
Naphthalene		7.4	J	8.0	ug/Kg	8270D
Phenanthrene		20		8.0	ug/Kg	8270D
Pyrene		23		8.0	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		3500		1100	ug/Kg	8015C
Total Petroleum Hydrocarbons (C10-C32)		80		19	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-2	**F-VS-UST-P-2**					
1,2,3-Trimethylbenzene		7.9		5.2	ug/Kg	8260C
1,2,4-Trimethylbenzene		12		5.2	ug/Kg	8260C
2-Butanone (MEK)		6.1	J	21	ug/Kg	8260C
p-Isopropyltoluene		0.85	J	5.2	ug/Kg	8260C
Acetone		26	B	21	ug/Kg	8260C
Ethylbenzene		9.1		5.2	ug/Kg	8260C
Isopropylbenzene		8.5		5.2	ug/Kg	8260C
m-Xylene & p-Xylene		36		10	ug/Kg	8260C
Naphthalene		10		5.2	ug/Kg	8260C
n-Butylbenzene		4.6	J	5.2	ug/Kg	8260C
N-Propylbenzene		9.7		5.2	ug/Kg	8260C
o-Xylene		2.7	J	5.2	ug/Kg	8260C
sec-Butylbenzene		3.6	J	5.2	ug/Kg	8260C
Toluene		1.2	J B	5.2	ug/Kg	8260C
Xylenes, Total		39		10	ug/Kg	8260C
tert-Butylbenzene		0.87	J	5.2	ug/Kg	8260C
1,1'-Biphenyl		7.2	J	60	ug/Kg	8270D
2-Methylnaphthalene		85		7.9	ug/Kg	8270D
Acenaphthene		10		7.9	ug/Kg	8270D
Acenaphthylene		4.6	J	7.9	ug/Kg	8270D
Acetophenone		24	J	120	ug/Kg	8270D
Anthracene		7.4	J	7.9	ug/Kg	8270D
Benzaldehyde		23	J	120	ug/Kg	8270D
Benzo[a]anthracene		14		7.9	ug/Kg	8270D
Benzo[a]pyrene		12		7.9	ug/Kg	8270D
Benzo[b]fluoranthene		17		7.9	ug/Kg	8270D
Benzo[g,h,i]perylene		10		7.9	ug/Kg	8270D
Benzo[k]fluoranthene		8.9		7.9	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		31	J B	83	ug/Kg	8270D
Chrysene		20		7.9	ug/Kg	8270D
Dibenzofuran		11	J	60	ug/Kg	8270D
Fluoranthene		30		7.9	ug/Kg	8270D
Fluorene		14		7.9	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		9.0		7.9	ug/Kg	8270D
Naphthalene		51		7.9	ug/Kg	8270D
Phenanthrene		35		7.9	ug/Kg	8270D
Pyrene		28		7.9	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		5500	B	1200	ug/Kg	8015C
Total Petroleum Hydrocarbons (C10-C32)		130		20	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-3	**F-VS-UST-P-3**					
1,2,3-Trimethylbenzene		1.5	J	5.3	ug/Kg	8260C
1,2,4-Trimethylbenzene		1.6	J	5.3	ug/Kg	8260C
2-Butanone (MEK)		2.4	J	21	ug/Kg	8260C
Acetone		12	J	21	ug/Kg	8260C
Naphthalene		1.7	J	5.3	ug/Kg	8260C
Toluene		0.43	J B	5.3	ug/Kg	8260C
1,1'-Biphenyl		85	J	150	ug/Kg	8270D
2-Methylnaphthalene		360		20	ug/Kg	8270D
Acenaphthene		350		20	ug/Kg	8270D
Acenaphthylene		28		20	ug/Kg	8270D
Anthracene		590		20	ug/Kg	8270D
Benzo[a]anthracene		960		20	ug/Kg	8270D
Benzo[a]pyrene		700		20	ug/Kg	8270D
Benzo[b]fluoranthene		1100		20	ug/Kg	8270D
Benzo[g,h,i]perylene		240		20	ug/Kg	8270D
Benzo[k]fluoranthene		440		20	ug/Kg	8270D
Carbazole		150		150	ug/Kg	8270D
Chrysene		1000		20	ug/Kg	8270D
Dibenz(a,h)anthracene		69		20	ug/Kg	8270D
Dibenzofuran		330		150	ug/Kg	8270D
Fluoranthene		2500		20	ug/Kg	8270D
Fluorene		350		20	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		250		20	ug/Kg	8270D
Naphthalene		460		20	ug/Kg	8270D
Phenanthrene		1900		20	ug/Kg	8270D
Pyrene		1800		20	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		110	J	120	ug/Kg	8015C
Total Petroleum Hydrocarbons (C10-C32)		42		20	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-4	**F-VS-UST-P-4**					
2-Butanone (MEK)		4.4	J	23	ug/Kg	8260C
Acetone		21	J	23	ug/Kg	8260C
Naphthalene		0.88	J *	5.7	ug/Kg	8260C
Toluene		0.47	J B	5.7	ug/Kg	8260C
1,1'-Biphenyl		48	J	60	ug/Kg	8270D
2-Methylnaphthalene		220		7.9	ug/Kg	8270D
Acenaphthene		110		7.9	ug/Kg	8270D
Acenaphthylene		23		7.9	ug/Kg	8270D
Anthracene		160		7.9	ug/Kg	8270D
Benzaldehyde		17	J	120	ug/Kg	8270D
Benzo[a]anthracene		200		7.9	ug/Kg	8270D
Benzo[a]pyrene		100		7.9	ug/Kg	8270D
Benzo[b]fluoranthene		240		7.9	ug/Kg	8270D
Benzo[g,h,i]perylene		41		7.9	ug/Kg	8270D
Benzo[k]fluoranthene		71		7.9	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		33	J B	83	ug/Kg	8270D
Chrysene		260		7.9	ug/Kg	8270D
Dibenz(a,h)anthracene		19		7.9	ug/Kg	8270D
Dibenzofuran		170		60	ug/Kg	8270D
Fluoranthene		560		7.9	ug/Kg	8270D
Fluorene		120		7.9	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		40		7.9	ug/Kg	8270D
Naphthalene		290		7.9	ug/Kg	8270D
Phenanthrene		550		7.9	ug/Kg	8270D
Pyrene		420		7.9	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		120		20	mg/Kg	8015C
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture
240-57930-5	**F-VB-UST-P-1**					
2-Butanone (MEK)		1.3	J	23	ug/Kg	8260C
Acetone		8.2	J	23	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		25	J B	82	ug/Kg	8270D
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-57930-6	**F-VB-UST-P-2**					
2-Butanone (MEK)		5.4	J	22	ug/Kg	8260C
Acetone		70		22	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		38	J B	83	ug/Kg	8270D
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-7	**F-VB-UST-P-3**					
2-Butanone (MEK)		4.9	J	23	ug/Kg	8260C
Acetone		66		23	ug/Kg	8260C
Benzaldehyde		45	J	120	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		55	J B	86	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		60	J	120	ug/Kg	8015C
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-57930-8	**F-VB-UST-P-4**					
2-Butanone (MEK)		1.9	J	21	ug/Kg	8260C
Acetone		16	J	21	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		30	J B	84	ug/Kg	8270D
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-57930-9	**F-VB-UST-P-5**					
2-Butanone (MEK)		2.0	J	22	ug/Kg	8260C
Acetone		11	J	22	ug/Kg	8260C
m-Xylene & p-Xylene		1.4	J	11	ug/Kg	8260C
Toluene		0.75	J B	5.4	ug/Kg	8260C
Xylenes, Total		1.4	J	11	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		62	J B	85	ug/Kg	8270D
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture
240-57930-10	**F-VB-UST-P-6**					
2-Butanone (MEK)		4.1	J	23	ug/Kg	8260C
Acetone		57		23	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		31	J B	82	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		8.0	J	20	mg/Kg	8015C
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-57930-11	**F-VS-UST-P-DUP**					
2-Butanone (MEK)		6.4	J	21	ug/Kg	8260C
Acetone		34		21	ug/Kg	8260C
Isopropylbenzene		2.8	J	5.2	ug/Kg	8260C
n-Butylbenzene		1.7	J	5.2	ug/Kg	8260C
N-Propylbenzene		4.4	J	5.2	ug/Kg	8260C
sec-Butylbenzene		2.0	J	5.2	ug/Kg	8260C
Toluene		0.31	J B	5.2	ug/Kg	8260C
2-Methylnaphthalene		7.8		7.8	ug/Kg	8270D
Acenaphthylene		4.0	J	7.8	ug/Kg	8270D
Acetophenone		17	J	120	ug/Kg	8270D
Anthracene		5.4	J	7.8	ug/Kg	8270D
Benzaldehyde		25	J	120	ug/Kg	8270D
Benzo[a]anthracene		16		7.8	ug/Kg	8270D
Benzo[a]pyrene		17		7.8	ug/Kg	8270D
Benzo[b]fluoranthene		30		7.8	ug/Kg	8270D
Benzo[g,h,i]perylene		10		7.8	ug/Kg	8270D
Benzo[k]fluoranthene		9.9		7.8	ug/Kg	8270D
Chrysene		22		7.8	ug/Kg	8270D
Dibenzofuran		16	J	58	ug/Kg	8270D
Fluoranthene		37		7.8	ug/Kg	8270D
Fluorene		6.1	J	7.8	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		9.2		7.8	ug/Kg	8270D
Naphthalene		12		7.8	ug/Kg	8270D
Phenanthrene		27		7.8	ug/Kg	8270D
Pyrene		30		7.8	ug/Kg	8270D
Gasoline Range Organics [C6 - C10]		1800		1200	ug/Kg	8015C
Total Petroleum Hydrocarbons (C10-C32)		51		20	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture

METHOD SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	TAL CAN	SW846 8015C	
Purge and Trap	TAL CAN		SW846 5030A
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method	Analyst	Analyst ID
SW846 8260C	Macenczak, Steven	SAM
SW846 8260C	Quayle, Rick	RJQ
SW846 8270D	Gruber, John	JMG
SW846 8015C	Reed, Rachel T	RTR
SW846 8015C	Bolgrin, Deborah	DEB
SW846 8082A	Hass, Lori	LSH
EPA Moisture	Nguyen, Diem	DTN

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-1**

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146551.D
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	11/18/2015 1803			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.57	U	0.57	5.7
1,1,1-Trichloroethane		0.74	U	0.74	5.7
1,1,2,2-Tetrachloroethane		0.35	U	0.35	5.7
1,1,2-Trichloro-1,2,2-trifluoroethane		0.48	U	0.48	5.7
1,1-Dichloroethane		0.39	U	0.39	5.7
1,1-Dichloroethene		0.91	U	0.91	5.7
1,1-Dichloropropene		0.42	U	0.42	5.7
1,2,3-Trichlorobenzene		0.57	U	0.57	5.7
1,2,3-Trichloropropane		0.89	U	0.89	5.7
1,2,3-Trimethylbenzene		0.87	J	0.52	5.7
1,2,4-Trichlorobenzene		0.43	U	0.43	5.7
1,2,4-Trimethylbenzene		0.66	U	0.66	5.7
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	11
1,2-Dichlorobenzene		0.39	U	0.39	5.7
1,2-Dichloroethane		0.52	U	0.52	5.7
1,2-Dichloropropane		0.16	U	0.16	5.7
1,3-Dichlorobenzene		0.78	U	0.78	5.7
1,3-Dichloropropane		0.45	U	0.45	5.7
1,4-Dichlorobenzene		0.32	U	0.32	5.7
2,2-Dichloropropane		0.50	U	0.50	5.7
2-Butanone (MEK)		18	J	1.3	23
2-Chloroethyl vinyl ether		0.73	U	0.73	57
2-Chlorotoluene		0.34	U	0.34	5.7
2-Hexanone		0.77	U	0.77	23
4-Chlorotoluene		0.30	U	0.30	5.7
p-Isopropyltoluene		0.47	U	0.47	5.7
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		86		6.5	23
Benzene		1.8	J	1.0	5.7
Bromobenzene		0.37	U	0.37	5.7
Bromoform		0.27	U	0.27	5.7
Bromomethane		0.48	U	0.48	5.7
Carbon disulfide		0.67	U	0.67	5.7
Carbon tetrachloride		0.74	U	0.74	5.7
Chlorobenzene		0.60	U	0.60	5.7
Dibromochloromethane		0.42	U	0.42	5.7
Chloroethane		0.50	U	0.50	5.7
Chloroform		0.41	U	0.41	5.7
Chloromethane		0.90	U	0.90	5.7
cis-1,2-Dichloroethene		0.32	U	0.32	5.7
cis-1,3-Dichloropropene		0.81	U	0.81	5.7
Dibromomethane		0.48	U	0.48	5.7
Bromochloromethane		0.37	U	0.37	5.7
Dichlorodifluoromethane		0.32	U	0.32	5.7
Bromodichloromethane		0.33	U	0.33	5.7
tert-Butyl alcohol (TBA)		6.5	U	6.5	230

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-1

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146551.D
Dilution:	1.0			Initial Weight/Volume:	5.18 g
Analysis Date:	11/18/2015 1803			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.36	U	0.36	5.7
Hexachlorobutadiene		0.45	U	0.45	5.7
Diisopropyl ether		0.67	U	0.67	11
Isopropylbenzene		14		0.23	5.7
Methyl tert-butyl ether		0.49	U	0.49	5.7
Methylene Chloride		0.84	U	0.84	5.7
m-Xylene & p-Xylene		1.9	J	0.48	11
Naphthalene		1.1	J	0.40	5.7
n-Butylbenzene		7.1		0.67	5.7
N-Propylbenzene		20		0.68	5.7
o-Xylene		0.75	J	0.65	5.7
sec-Butylbenzene		8.6		1.0	5.7
Styrene		0.45	U	0.45	5.7
Tert-amyl methyl ether		0.49	U	0.49	5.7
Ethyl t-butyl ether		0.47	U	0.47	5.7
Tetrachloroethene		0.91	U	0.91	5.7
Toluene		1.2	J B	0.31	5.7
trans-1,2-Dichloroethene		0.36	U	0.36	5.7
trans-1,3-Dichloropropene		0.33	U	0.33	5.7
Trichloroethene		0.43	U	0.43	5.7
Trichlorofluoromethane		0.33	U	0.33	5.7
Vinyl acetate		0.75	U	0.75	11
Vinyl chloride		0.34	U	0.34	5.7
Xylenes, Total		2.7	J	0.61	11
tert-Butylbenzene		2.3	J	0.76	5.7
1,2-Dibromoethane		0.60	U	0.60	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	104		67 - 125
Dibromofluoromethane (Surr)	100		37 - 132
4-Bromofluorobenzene (Surr)	97		52 - 136
1,2-Dichloroethane-d4 (Surr)	104		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146583.D
Dilution:	1.0			Initial Weight/Volume:	5.74 g
Analysis Date:	11/19/2015 1752			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.52	U	0.52	5.2
1,1,1-Trichloroethane		0.67	U	0.67	5.2
1,1,2,2-Tetrachloroethane		0.32	U	0.32	5.2
1,1,2-Trichloro-1,2,2-trifluoroethane		0.43	U	0.43	5.2
1,1-Dichloroethane		0.35	U	0.35	5.2
1,1-Dichloroethene		0.82	U	0.82	5.2
1,1-Dichloropropene		0.38	U	0.38	5.2
1,2,3-Trichlorobenzene		0.52	U	0.52	5.2
1,2,3-Trichloropropane		0.80	U	0.80	5.2
1,2,3-Trimethylbenzene		7.9		0.47	5.2
1,2,4-Trichlorobenzene		0.39	U	0.39	5.2
1,2,4-Trimethylbenzene		12		0.60	5.2
1,2-Dibromo-3-Chloropropane		2.8	U	2.8	10
1,2-Dichlorobenzene		0.35	U	0.35	5.2
1,2-Dichloroethane		0.47	U	0.47	5.2
1,2-Dichloropropane		0.14	U	0.14	5.2
1,3-Dichlorobenzene		0.71	U	0.71	5.2
1,3-Dichloropropane		0.41	U	0.41	5.2
1,4-Dichlorobenzene		0.29	U	0.29	5.2
2,2-Dichloropropane		0.45	U	0.45	5.2
2-Butanone (MEK)		6.1	J	1.2	21
2-Chloroethyl vinyl ether		0.66	U	0.66	52
2-Chlorotoluene		0.31	U	0.31	5.2
2-Hexanone		0.70	U	0.70	21
4-Chlorotoluene		0.27	U	0.27	5.2
p-Isopropyltoluene		0.85	J	0.42	5.2
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Benzene		0.93	U	0.93	5.2
Bromobenzene		0.34	U	0.34	5.2
Bromoform		0.25	U	0.25	5.2
Bromomethane		0.43	U	0.43	5.2
Carbon disulfide		0.61	U	0.61	5.2
Carbon tetrachloride		0.67	U	0.67	5.2
Chlorobenzene		0.55	U	0.55	5.2
Dibromochloromethane		0.38	U	0.38	5.2
Chloroethane		0.45	U	0.45	5.2
Chloroform		0.37	U	0.37	5.2
Chloromethane		0.81	U	0.81	5.2
cis-1,2-Dichloroethene		0.29	U	0.29	5.2
cis-1,3-Dichloropropene		0.73	U	0.73	5.2
Dibromomethane		0.43	U	0.43	5.2
Bromochloromethane		0.34	U	0.34	5.2
Dichlorodifluoromethane		0.29	U	0.29	5.2
Bromodichloromethane		0.30	U	0.30	5.2
tert-Butyl alcohol (TBA)		5.9	U	5.9	210
Ethylbenzene		9.1		0.33	5.2

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146583.D
Dilution:	1.0			Initial Weight/Volume:	5.74 g
Analysis Date:	11/19/2015 1752			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorobutadiene		0.41	U	0.41	5.2
Diisopropyl ether		0.61	U	0.61	10
Isopropylbenzene		8.5		0.21	5.2
Methyl tert-butyl ether		0.44	U	0.44	5.2
Methylene Chloride		0.76	U	0.76	5.2
m-Xylene & p-Xylene		36		0.43	10
Naphthalene		10		0.36	5.2
n-Butylbenzene		4.6	J	0.61	5.2
N-Propylbenzene		9.7		0.62	5.2
o-Xylene		2.7	J	0.59	5.2
sec-Butylbenzene		3.6	J	0.94	5.2
Styrene		0.41	U	0.41	5.2
Tert-amyl methyl ether		0.44	U	0.44	5.2
Ethyl t-butyl ether		0.42	U	0.42	5.2
Tetrachloroethene		0.82	U	0.82	5.2
Toluene		1.2	J B	0.28	5.2
trans-1,2-Dichloroethene		0.33	U	0.33	5.2
trans-1,3-Dichloropropene		0.30	U	0.30	5.2
Trichloroethene		0.39	U	0.39	5.2
Trichlorofluoromethane		0.30	U	0.30	5.2
Vinyl acetate		0.68	U	0.68	10
Vinyl chloride		0.31	U	0.31	5.2
Xylenes, Total		39		0.56	10
tert-Butylbenzene		0.87	J	0.69	5.2
1,2-Dibromoethane		0.55	U	0.55	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	94		67 - 125
Dibromofluoromethane (Surr)	92		37 - 132
4-Bromofluorobenzene (Surr)	91		52 - 136
1,2-Dichloroethane-d4 (Surr)	98		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146584.D
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	11/19/2015 1813			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.76	U	0.76	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.91	U	0.91	5.8
1,2,3-Trimethylbenzene		98		0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		170		0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.33	U	0.33	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		8.8	J	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		6.5		0.48	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Benzene		6.8		1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.69	U	0.69	5.8
Carbon tetrachloride		0.76	U	0.76	5.8
Chlorobenzene		0.62	U	0.62	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.33	U	0.33	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.33	U	0.33	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230
Ethylbenzene		140		0.37	5.8

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146584.D
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Analysis Date:	11/19/2015 1813			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.69	U	0.69	12
Isopropylbenzene		63		0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		520	E	0.49	12
Naphthalene		17		0.41	5.8
n-Butylbenzene		11		0.69	5.8
N-Propylbenzene		55		0.70	5.8
o-Xylene		14		0.66	5.8
sec-Butylbenzene		12		1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.48	U	0.48	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		4.0	J B	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.77	U	0.77	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		530		0.63	12
tert-Butylbenzene		4.4	J	0.78	5.8
1,2-Dibromoethane		0.62	U	0.62	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	103		67 - 125
Dibromofluoromethane (Surr)	92		37 - 132
4-Bromofluorobenzene (Surr)	105		52 - 136
1,2-Dichloroethane-d4 (Surr)	95		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-2**

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Prep Method:	5030C	Prep Batch:	240-207709	Lab File ID:	UX80893.D
Dilution:	1.0			Initial Weight/Volume:	5.61 g
Analysis Date:	11/20/2015 1006			Final Weight/Volume:	5 mL
Prep Date:	11/20/2015 0947				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		26	B	6.0	21

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	110		67 - 125
Dibromofluoromethane (Surr)	94		37 - 132
4-Bromofluorobenzene (Surr)	93		52 - 136
1,2-Dichloroethane-d4 (Surr)	88		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-3**

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146552.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 1825			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.53	U	0.53	5.3
1,1,1-Trichloroethane		0.69	U	0.69	5.3
1,1,2,2-Tetrachloroethane		0.33	U	0.33	5.3
1,1,2-Trichloro-1,2,2-trifluoroethane		0.45	U	0.45	5.3
1,1-Dichloroethane		0.36	U	0.36	5.3
1,1-Dichloroethene		0.85	U	0.85	5.3
1,1-Dichloropropene		0.39	U	0.39	5.3
1,2,3-Trichlorobenzene		0.53	U	0.53	5.3
1,2,3-Trichloropropane		0.83	U	0.83	5.3
1,2,3-Trimethylbenzene		1.5	J	0.49	5.3
1,2,4-Trichlorobenzene		0.40	U	0.40	5.3
1,2,4-Trimethylbenzene		1.6	J	0.62	5.3
1,2-Dibromo-3-Chloropropane		2.9	U	2.9	11
1,2-Dichlorobenzene		0.36	U	0.36	5.3
1,2-Dichloroethane		0.49	U	0.49	5.3
1,2-Dichloropropane		0.15	U	0.15	5.3
1,3-Dichlorobenzene		0.73	U	0.73	5.3
1,3-Dichloropropane		0.43	U	0.43	5.3
1,4-Dichlorobenzene		0.30	U	0.30	5.3
2,2-Dichloropropane		0.47	U	0.47	5.3
2-Butanone (MEK)		2.4	J	1.2	21
2-Chloroethyl vinyl ether		0.68	U	0.68	53
2-Chlorotoluene		0.32	U	0.32	5.3
2-Hexanone		0.72	U	0.72	21
4-Chlorotoluene		0.28	U	0.28	5.3
p-Isopropyltoluene		0.44	U	0.44	5.3
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		12	J	6.1	21
Benzene		0.96	U	0.96	5.3
Bromobenzene		0.35	U	0.35	5.3
Bromoform		0.26	U	0.26	5.3
Bromomethane		0.45	U	0.45	5.3
Carbon disulfide		0.63	U	0.63	5.3
Carbon tetrachloride		0.69	U	0.69	5.3
Chlorobenzene		0.56	U	0.56	5.3
Dibromochloromethane		0.39	U	0.39	5.3
Chloroethane		0.47	U	0.47	5.3
Chloroform		0.38	U	0.38	5.3
Chloromethane		0.84	U	0.84	5.3
cis-1,2-Dichloroethene		0.30	U	0.30	5.3
cis-1,3-Dichloropropene		0.76	U	0.76	5.3
Dibromomethane		0.45	U	0.45	5.3
Bromochloromethane		0.35	U	0.35	5.3
Dichlorodifluoromethane		0.30	U	0.30	5.3
Bromodichloromethane		0.31	U	0.31	5.3
tert-Butyl alcohol (TBA)		6.1	U	6.1	210

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-3

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146552.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 1825			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.34	U	0.34	5.3
Hexachlorobutadiene		0.43	U	0.43	5.3
Diisopropyl ether		0.63	U	0.63	11
Isopropylbenzene		0.21	U	0.21	5.3
Methyl tert-butyl ether		0.46	U	0.46	5.3
Methylene Chloride		0.79	U	0.79	5.3
m-Xylene & p-Xylene		0.45	U	0.45	11
Naphthalene		1.7	J	0.37	5.3
n-Butylbenzene		0.63	U	0.63	5.3
N-Propylbenzene		0.64	U	0.64	5.3
o-Xylene		0.61	U	0.61	5.3
sec-Butylbenzene		0.97	U	0.97	5.3
Styrene		0.43	U	0.43	5.3
Tert-amyl methyl ether		0.46	U	0.46	5.3
Ethyl t-butyl ether		0.44	U	0.44	5.3
Tetrachloroethene		0.85	U	0.85	5.3
Toluene		0.43	J B	0.29	5.3
trans-1,2-Dichloroethene		0.34	U	0.34	5.3
trans-1,3-Dichloropropene		0.31	U	0.31	5.3
Trichloroethene		0.40	U	0.40	5.3
Trichlorofluoromethane		0.31	U	0.31	5.3
Vinyl acetate		0.70	U	0.70	11
Vinyl chloride		0.32	U	0.32	5.3
Xylenes, Total		0.57	U	0.57	11
tert-Butylbenzene		0.71	U	0.71	5.3
1,2-Dibromoethane		0.56	U	0.56	5.3

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	94		67 - 125
Dibromofluoromethane (Surr)	91		37 - 132
4-Bromofluorobenzene (Surr)	89		52 - 136
1,2-Dichloroethane-d4 (Surr)	91		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-4**

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146581.D
Dilution:	1.0			Initial Weight/Volume:	5.24 g
Analysis Date:	11/19/2015 1708			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.57	U	0.57	5.7
1,1,1-Trichloroethane		0.75	U	0.75	5.7
1,1,2,2-Tetrachloroethane		0.36	U *	0.36	5.7
1,1,2-Trichloro-1,2,2-trifluoroethane		0.48	U	0.48	5.7
1,1-Dichloroethane		0.39	U	0.39	5.7
1,1-Dichloroethene		0.92	U	0.92	5.7
1,1-Dichloropropene		0.42	U	0.42	5.7
1,2,3-Trichlorobenzene		0.57	U *	0.57	5.7
1,2,3-Trichloropropane		0.90	U *	0.90	5.7
1,2,3-Trimethylbenzene		0.53	U *	0.53	5.7
1,2,4-Trichlorobenzene		0.44	U *	0.44	5.7
1,2,4-Trimethylbenzene		0.67	U *	0.67	5.7
1,2-Dibromo-3-Chloropropane		3.1	U *	3.1	11
1,2-Dichlorobenzene		0.39	U *	0.39	5.7
1,2-Dichloroethane		0.53	U	0.53	5.7
1,2-Dichloropropane		0.16	U	0.16	5.7
1,3-Dichlorobenzene		0.79	U *	0.79	5.7
1,3-Dichloropropane		0.46	U	0.46	5.7
1,4-Dichlorobenzene		0.32	U *	0.32	5.7
2,2-Dichloropropane		0.51	U	0.51	5.7
2-Butanone (MEK)		4.4	J	1.3	23
2-Chloroethyl vinyl ether		0.73	U	0.73	57
2-Chlorotoluene		0.34	U *	0.34	5.7
2-Hexanone		0.78	U	0.78	23
4-Chlorotoluene		0.30	U *	0.30	5.7
p-Isopropyltoluene		0.47	U *	0.47	5.7
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		21	J	6.5	23
Benzene		1.0	U	1.0	5.7
Bromobenzene		0.38	U *	0.38	5.7
Bromoform		0.28	U	0.28	5.7
Bromomethane		0.48	U	0.48	5.7
Carbon disulfide		0.68	U	0.68	5.7
Carbon tetrachloride		0.75	U	0.75	5.7
Chlorobenzene		0.61	U	0.61	5.7
Dibromochloromethane		0.42	U	0.42	5.7
Chloroethane		0.51	U	0.51	5.7
Chloroform		0.41	U	0.41	5.7
Chloromethane		0.91	U	0.91	5.7
cis-1,2-Dichloroethene		0.32	U	0.32	5.7
cis-1,3-Dichloropropene		0.82	U	0.82	5.7
Dibromomethane		0.48	U	0.48	5.7
Bromochloromethane		0.38	U	0.38	5.7
Dichlorodifluoromethane		0.32	U	0.32	5.7
Bromodichloromethane		0.33	U	0.33	5.7
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-4

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207613	Lab File ID:	146581.D
Dilution:	1.0			Initial Weight/Volume:	5.24 g
Analysis Date:	11/19/2015 1708			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.7
Hexachlorobutadiene		0.46	U *	0.46	5.7
Diisopropyl ether		0.68	U	0.68	11
Isopropylbenzene		0.23	U	0.23	5.7
Methyl tert-butyl ether		0.49	U	0.49	5.7
Methylene Chloride		0.85	U	0.85	5.7
m-Xylene & p-Xylene		0.48	U	0.48	11
Naphthalene		0.88	J *	0.40	5.7
n-Butylbenzene		0.68	U *	0.68	5.7
N-Propylbenzene		0.69	U *	0.69	5.7
o-Xylene		0.65	U	0.65	5.7
sec-Butylbenzene		1.0	U *	1.0	5.7
Styrene		0.46	U	0.46	5.7
Tert-amyl methyl ether		0.49	U	0.49	5.7
Ethyl t-butyl ether		0.47	U	0.47	5.7
Tetrachloroethene		0.92	U	0.92	5.7
Toluene		0.47	J B	0.31	5.7
trans-1,2-Dichloroethene		0.37	U	0.37	5.7
trans-1,3-Dichloropropene		0.33	U	0.33	5.7
Trichloroethene		0.44	U	0.44	5.7
Trichlorofluoromethane		0.33	U	0.33	5.7
Vinyl acetate		0.76	U	0.76	11
Vinyl chloride		0.34	U	0.34	5.7
Xylenes, Total		0.62	U	0.62	11
tert-Butylbenzene		0.77	U *	0.77	5.7
1,2-Dibromoethane		0.61	U	0.61	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	111		67 - 125
Dibromofluoromethane (Surr)	87		37 - 132
4-Bromofluorobenzene (Surr)	102	*	52 - 136
1,2-Dichloroethane-d4 (Surr)	85		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146556.D
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Analysis Date:	11/18/2015 1951			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.76	U	0.76	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.40	U	0.40	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.91	U	0.91	5.8
1,2,3-Trimethylbenzene		0.54	U	0.54	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.68	U	0.68	5.8
1,2-Dibromo-3-Chloropropane		3.2	U	3.2	12
1,2-Dichlorobenzene		0.40	U	0.40	5.8
1,2-Dichloroethane		0.54	U	0.54	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.81	U	0.81	5.8
1,3-Dichloropropane		0.47	U	0.47	5.8
1,4-Dichlorobenzene		0.33	U	0.33	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		1.3	J	1.3	23
2-Chloroethyl vinyl ether		0.75	U	0.75	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.48	U	0.48	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		8.2	J	6.7	23
Benzene		1.1	U	1.1	5.8
Bromobenzene		0.39	U	0.39	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.69	U	0.69	5.8
Carbon tetrachloride		0.76	U	0.76	5.8
Chlorobenzene		0.62	U	0.62	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.33	U	0.33	5.8
cis-1,3-Dichloropropene		0.83	U	0.83	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.39	U	0.39	5.8
Dichlorodifluoromethane		0.33	U	0.33	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.7	U	6.7	230

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146556.D
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Analysis Date:	11/18/2015 1951			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.47	U	0.47	5.8
Diisopropyl ether		0.69	U	0.69	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.41	U	0.41	5.8
n-Butylbenzene		0.69	U	0.69	5.8
N-Propylbenzene		0.70	U	0.70	5.8
o-Xylene		0.67	U	0.67	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.47	U	0.47	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.48	U	0.48	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.32	U	0.32	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.77	U	0.77	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.63	U	0.63	12
tert-Butylbenzene		0.78	U	0.78	5.8
1,2-Dibromoethane		0.62	U	0.62	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	89		67 - 125
Dibromofluoromethane (Surr)	89		37 - 132
4-Bromofluorobenzene (Surr)	78		52 - 136
1,2-Dichloroethane-d4 (Surr)	90		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-2**

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146557.D
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	11/18/2015 2012			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.56	U	0.56	5.6
1,1,1-Trichloroethane		0.72	U	0.72	5.6
1,1,2,2-Tetrachloroethane		0.35	U	0.35	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane		0.47	U	0.47	5.6
1,1-Dichloroethane		0.38	U	0.38	5.6
1,1-Dichloroethene		0.89	U	0.89	5.6
1,1-Dichloropropene		0.41	U	0.41	5.6
1,2,3-Trichlorobenzene		0.56	U	0.56	5.6
1,2,3-Trichloropropane		0.87	U	0.87	5.6
1,2,3-Trimethylbenzene		0.51	U	0.51	5.6
1,2,4-Trichlorobenzene		0.42	U	0.42	5.6
1,2,4-Trimethylbenzene		0.65	U	0.65	5.6
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.38	U	0.38	5.6
1,2-Dichloroethane		0.51	U	0.51	5.6
1,2-Dichloropropane		0.16	U	0.16	5.6
1,3-Dichlorobenzene		0.77	U	0.77	5.6
1,3-Dichloropropane		0.45	U	0.45	5.6
1,4-Dichlorobenzene		0.31	U	0.31	5.6
2,2-Dichloropropane		0.49	U	0.49	5.6
2-Butanone (MEK)		5.4	J	1.2	22
2-Chloroethyl vinyl ether		0.71	U	0.71	56
2-Chlorotoluene		0.33	U	0.33	5.6
2-Hexanone		0.76	U	0.76	22
4-Chlorotoluene		0.29	U	0.29	5.6
p-Isopropyltoluene		0.46	U	0.46	5.6
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	22
Acetone		70		6.4	22
Benzene		1.0	U	1.0	5.6
Bromobenzene		0.37	U	0.37	5.6
Bromoform		0.27	U	0.27	5.6
Bromomethane		0.47	U	0.47	5.6
Carbon disulfide		0.66	U	0.66	5.6
Carbon tetrachloride		0.72	U	0.72	5.6
Chlorobenzene		0.59	U	0.59	5.6
Dibromochloromethane		0.41	U	0.41	5.6
Chloroethane		0.49	U	0.49	5.6
Chloroform		0.40	U	0.40	5.6
Chloromethane		0.88	U	0.88	5.6
cis-1,2-Dichloroethene		0.31	U	0.31	5.6
cis-1,3-Dichloropropene		0.79	U	0.79	5.6
Dibromomethane		0.47	U	0.47	5.6
Bromochloromethane		0.37	U	0.37	5.6
Dichlorodifluoromethane		0.31	U	0.31	5.6
Bromodichloromethane		0.32	U	0.32	5.6
tert-Butyl alcohol (TBA)		6.4	U	6.4	220

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-2**

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146557.D
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	11/18/2015 2012			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.36	U	0.36	5.6
Hexachlorobutadiene		0.45	U	0.45	5.6
Diisopropyl ether		0.66	U	0.66	11
Isopropylbenzene		0.22	U	0.22	5.6
Methyl tert-butyl ether		0.48	U	0.48	5.6
Methylene Chloride		0.82	U	0.82	5.6
m-Xylene & p-Xylene		0.47	U	0.47	11
Naphthalene		0.39	U	0.39	5.6
n-Butylbenzene		0.66	U	0.66	5.6
N-Propylbenzene		0.67	U	0.67	5.6
o-Xylene		0.64	U	0.64	5.6
sec-Butylbenzene		1.0	U	1.0	5.6
Styrene		0.45	U	0.45	5.6
Tert-amyl methyl ether		0.48	U	0.48	5.6
Ethyl t-butyl ether		0.46	U	0.46	5.6
Tetrachloroethene		0.89	U	0.89	5.6
Toluene		0.30	U	0.30	5.6
trans-1,2-Dichloroethene		0.36	U	0.36	5.6
trans-1,3-Dichloropropene		0.32	U	0.32	5.6
Trichloroethene		0.42	U	0.42	5.6
Trichlorofluoromethane		0.32	U	0.32	5.6
Vinyl acetate		0.74	U	0.74	11
Vinyl chloride		0.33	U	0.33	5.6
Xylenes, Total		0.60	U	0.60	11
tert-Butylbenzene		0.75	U	0.75	5.6
1,2-Dibromoethane		0.59	U	0.59	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	89		67 - 125
Dibromofluoromethane (Surr)	95		37 - 132
4-Bromofluorobenzene (Surr)	79		52 - 136
1,2-Dichloroethane-d4 (Surr)	100		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146558.D
Dilution:	1.0			Initial Weight/Volume:	5.29 g
Analysis Date:	11/18/2015 2033			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.76	U	0.76	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.40	U	0.40	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.91	U	0.91	5.8
1,2,3-Trimethylbenzene		0.54	U	0.54	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.68	U	0.68	5.8
1,2-Dibromo-3-Chloropropane		3.2	U	3.2	12
1,2-Dichlorobenzene		0.40	U	0.40	5.8
1,2-Dichloroethane		0.54	U	0.54	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.81	U	0.81	5.8
1,3-Dichloropropane		0.47	U	0.47	5.8
1,4-Dichlorobenzene		0.33	U	0.33	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.9	J	1.3	23
2-Chloroethyl vinyl ether		0.75	U	0.75	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.48	U	0.48	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		66		6.7	23
Benzene		1.1	U	1.1	5.8
Bromobenzene		0.39	U	0.39	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.69	U	0.69	5.8
Carbon tetrachloride		0.76	U	0.76	5.8
Chlorobenzene		0.62	U	0.62	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.33	U	0.33	5.8
cis-1,3-Dichloropropene		0.83	U	0.83	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.39	U	0.39	5.8
Dichlorodifluoromethane		0.33	U	0.33	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.7	U	6.7	230

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146558.D
Dilution:	1.0			Initial Weight/Volume:	5.29 g
Analysis Date:	11/18/2015 2033			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.47	U	0.47	5.8
Diisopropyl ether		0.69	U	0.69	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.41	U	0.41	5.8
n-Butylbenzene		0.69	U	0.69	5.8
N-Propylbenzene		0.70	U	0.70	5.8
o-Xylene		0.67	U	0.67	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.47	U	0.47	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.48	U	0.48	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.32	U	0.32	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.77	U	0.77	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.63	U	0.63	12
tert-Butylbenzene		0.78	U	0.78	5.8
1,2-Dibromoethane		0.62	U	0.62	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	94		67 - 125
Dibromofluoromethane (Surr)	99		37 - 132
4-Bromofluorobenzene (Surr)	82		52 - 136
1,2-Dichloroethane-d4 (Surr)	105		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146559.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 2055			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.54	U	0.54	5.4
1,1,1-Trichloroethane		0.70	U	0.70	5.4
1,1,2,2-Tetrachloroethane		0.33	U	0.33	5.4
1,1,2-Trichloro-1,2,2-trifluoroethane		0.45	U	0.45	5.4
1,1-Dichloroethane		0.37	U	0.37	5.4
1,1-Dichloroethene		0.86	U	0.86	5.4
1,1-Dichloropropene		0.40	U	0.40	5.4
1,2,3-Trichlorobenzene		0.54	U	0.54	5.4
1,2,3-Trichloropropane		0.84	U	0.84	5.4
1,2,3-Trimethylbenzene		0.49	U	0.49	5.4
1,2,4-Trichlorobenzene		0.41	U	0.41	5.4
1,2,4-Trimethylbenzene		0.62	U	0.62	5.4
1,2-Dibromo-3-Chloropropane		2.9	U	2.9	11
1,2-Dichlorobenzene		0.37	U	0.37	5.4
1,2-Dichloroethane		0.49	U	0.49	5.4
1,2-Dichloropropane		0.15	U	0.15	5.4
1,3-Dichlorobenzene		0.74	U	0.74	5.4
1,3-Dichloropropane		0.43	U	0.43	5.4
1,4-Dichlorobenzene		0.30	U	0.30	5.4
2,2-Dichloropropane		0.47	U	0.47	5.4
2-Butanone (MEK)		1.9	J	1.2	21
2-Chloroethyl vinyl ether		0.69	U	0.69	54
2-Chlorotoluene		0.32	U	0.32	5.4
2-Hexanone		0.73	U	0.73	21
4-Chlorotoluene		0.28	U	0.28	5.4
p-Isopropyltoluene		0.44	U	0.44	5.4
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		16	J	6.1	21
Benzene		0.97	U	0.97	5.4
Bromobenzene		0.35	U	0.35	5.4
Bromoform		0.26	U	0.26	5.4
Bromomethane		0.45	U	0.45	5.4
Carbon disulfide		0.63	U	0.63	5.4
Carbon tetrachloride		0.70	U	0.70	5.4
Chlorobenzene		0.57	U	0.57	5.4
Dibromochloromethane		0.40	U	0.40	5.4
Chloroethane		0.47	U	0.47	5.4
Chloroform		0.39	U	0.39	5.4
Chloromethane		0.85	U	0.85	5.4
cis-1,2-Dichloroethene		0.30	U	0.30	5.4
cis-1,3-Dichloropropene		0.76	U	0.76	5.4
Dibromomethane		0.45	U	0.45	5.4
Bromochloromethane		0.35	U	0.35	5.4
Dichlorodifluoromethane		0.30	U	0.30	5.4
Bromodichloromethane		0.31	U	0.31	5.4
tert-Butyl alcohol (TBA)		6.1	U	6.1	210

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146559.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 2055			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.34	U	0.34	5.4
Hexachlorobutadiene		0.43	U	0.43	5.4
Diisopropyl ether		0.63	U	0.63	11
Isopropylbenzene		0.21	U	0.21	5.4
Methyl tert-butyl ether		0.46	U	0.46	5.4
Methylene Chloride		0.79	U	0.79	5.4
m-Xylene & p-Xylene		0.45	U	0.45	11
Naphthalene		0.38	U	0.38	5.4
n-Butylbenzene		0.63	U	0.63	5.4
N-Propylbenzene		0.64	U	0.64	5.4
o-Xylene		0.61	U	0.61	5.4
sec-Butylbenzene		0.98	U	0.98	5.4
Styrene		0.43	U	0.43	5.4
Tert-amyl methyl ether		0.46	U	0.46	5.4
Ethyl t-butyl ether		0.44	U	0.44	5.4
Tetrachloroethene		0.86	U	0.86	5.4
Toluene		0.29	U	0.29	5.4
trans-1,2-Dichloroethene		0.34	U	0.34	5.4
trans-1,3-Dichloropropene		0.31	U	0.31	5.4
Trichloroethene		0.41	U	0.41	5.4
Trichlorofluoromethane		0.31	U	0.31	5.4
Vinyl acetate		0.71	U	0.71	11
Vinyl chloride		0.32	U	0.32	5.4
Xylenes, Total		0.58	U	0.58	11
tert-Butylbenzene		0.72	U	0.72	5.4
1,2-Dibromoethane		0.57	U	0.57	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	96		67 - 125
Dibromofluoromethane (Surr)	103		37 - 132
4-Bromofluorobenzene (Surr)	89		52 - 136
1,2-Dichloroethane-d4 (Surr)	113		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146560.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 2116			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.54	U	0.54	5.4
1,1,1-Trichloroethane		0.70	U	0.70	5.4
1,1,2,2-Tetrachloroethane		0.34	U	0.34	5.4
1,1,2-Trichloro-1,2,2-trifluoroethane		0.45	U	0.45	5.4
1,1-Dichloroethane		0.37	U	0.37	5.4
1,1-Dichloroethene		0.87	U	0.87	5.4
1,1-Dichloropropene		0.40	U	0.40	5.4
1,2,3-Trichlorobenzene		0.54	U	0.54	5.4
1,2,3-Trichloropropane		0.84	U	0.84	5.4
1,2,3-Trimethylbenzene		0.50	U	0.50	5.4
1,2,4-Trichlorobenzene		0.41	U	0.41	5.4
1,2,4-Trimethylbenzene		0.63	U	0.63	5.4
1,2-Dibromo-3-Chloropropane		2.9	U	2.9	11
1,2-Dichlorobenzene		0.37	U	0.37	5.4
1,2-Dichloroethane		0.50	U	0.50	5.4
1,2-Dichloropropane		0.15	U	0.15	5.4
1,3-Dichlorobenzene		0.75	U	0.75	5.4
1,3-Dichloropropane		0.43	U	0.43	5.4
1,4-Dichlorobenzene		0.30	U	0.30	5.4
2,2-Dichloropropane		0.48	U	0.48	5.4
2-Butanone (MEK)		2.0	J	1.2	22
2-Chloroethyl vinyl ether		0.69	U	0.69	54
2-Chlorotoluene		0.32	U	0.32	5.4
2-Hexanone		0.74	U	0.74	22
4-Chlorotoluene		0.28	U	0.28	5.4
p-Isopropyltoluene		0.44	U	0.44	5.4
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	22
Acetone		11	J	6.2	22
Benzene		0.97	U	0.97	5.4
Bromobenzene		0.36	U	0.36	5.4
Bromoform		0.26	U	0.26	5.4
Bromomethane		0.45	U	0.45	5.4
Carbon disulfide		0.64	U	0.64	5.4
Carbon tetrachloride		0.70	U	0.70	5.4
Chlorobenzene		0.57	U	0.57	5.4
Dibromochloromethane		0.40	U	0.40	5.4
Chloroethane		0.48	U	0.48	5.4
Chloroform		0.39	U	0.39	5.4
Chloromethane		0.85	U	0.85	5.4
cis-1,2-Dichloroethene		0.30	U	0.30	5.4
cis-1,3-Dichloropropene		0.77	U	0.77	5.4
Dibromomethane		0.45	U	0.45	5.4
Bromochloromethane		0.36	U	0.36	5.4
Dichlorodifluoromethane		0.30	U	0.30	5.4
Bromodichloromethane		0.31	U	0.31	5.4
tert-Butyl alcohol (TBA)		6.2	U	6.2	220

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146560.D
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	11/18/2015 2116			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.35	U	0.35	5.4
Hexachlorobutadiene		0.43	U	0.43	5.4
Diisopropyl ether		0.64	U	0.64	11
Isopropylbenzene		0.22	U	0.22	5.4
Methyl tert-butyl ether		0.47	U	0.47	5.4
Methylene Chloride		0.80	U	0.80	5.4
m-Xylene & p-Xylene		1.4	J	0.45	11
Naphthalene		0.38	U	0.38	5.4
n-Butylbenzene		0.64	U	0.64	5.4
N-Propylbenzene		0.65	U	0.65	5.4
o-Xylene		0.62	U	0.62	5.4
sec-Butylbenzene		0.98	U	0.98	5.4
Styrene		0.43	U	0.43	5.4
Tert-amyl methyl ether		0.47	U	0.47	5.4
Ethyl t-butyl ether		0.44	U	0.44	5.4
Tetrachloroethene		0.87	U	0.87	5.4
Toluene		0.75	J B	0.29	5.4
trans-1,2-Dichloroethene		0.35	U	0.35	5.4
trans-1,3-Dichloropropene		0.31	U	0.31	5.4
Trichloroethene		0.41	U	0.41	5.4
Trichlorofluoromethane		0.31	U	0.31	5.4
Vinyl acetate		0.71	U	0.71	11
Vinyl chloride		0.32	U	0.32	5.4
Xylenes, Total		1.4	J	0.58	11
tert-Butylbenzene		0.72	U	0.72	5.4
1,2-Dibromoethane		0.57	U	0.57	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	84		67 - 125
Dibromofluoromethane (Surr)	86		37 - 132
4-Bromofluorobenzene (Surr)	76		52 - 136
1,2-Dichloroethane-d4 (Surr)	89		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-6**

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146561.D
Dilution:	1.0			Initial Weight/Volume:	5.10 g
Analysis Date:	11/18/2015 2138			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.75	U	0.75	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.39	U	0.39	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.90	U	0.90	5.8
1,2,3-Trimethylbenzene		0.53	U	0.53	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		0.67	U	0.67	5.8
1,2-Dibromo-3-Chloropropane		3.1	U	3.1	12
1,2-Dichlorobenzene		0.39	U	0.39	5.8
1,2-Dichloroethane		0.53	U	0.53	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U	0.80	5.8
1,3-Dichloropropane		0.46	U	0.46	5.8
1,4-Dichlorobenzene		0.32	U	0.32	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.1	J	1.3	23
2-Chloroethyl vinyl ether		0.74	U	0.74	58
2-Chlorotoluene		0.35	U	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U	0.30	5.8
p-Isopropyltoluene		0.47	U	0.47	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		57		6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.68	U	0.68	5.8
Carbon tetrachloride		0.75	U	0.75	5.8
Chlorobenzene		0.61	U	0.61	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.91	U	0.91	5.8
cis-1,2-Dichloroethene		0.32	U	0.32	5.8
cis-1,3-Dichloropropene		0.82	U	0.82	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.32	U	0.32	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.6	U	6.6	230

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-6

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146561.D
Dilution:	1.0			Initial Weight/Volume:	5.10 g
Analysis Date:	11/18/2015 2138			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.37	U	0.37	5.8
Hexachlorobutadiene		0.46	U	0.46	5.8
Diisopropyl ether		0.68	U	0.68	12
Isopropylbenzene		0.23	U	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		0.49	U	0.49	12
Naphthalene		0.40	U	0.40	5.8
n-Butylbenzene		0.68	U	0.68	5.8
N-Propylbenzene		0.69	U	0.69	5.8
o-Xylene		0.66	U	0.66	5.8
sec-Butylbenzene		1.1	U	1.1	5.8
Styrene		0.46	U	0.46	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.47	U	0.47	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		0.31	U	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.76	U	0.76	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		0.62	U	0.62	12
tert-Butylbenzene		0.77	U	0.77	5.8
1,2-Dibromoethane		0.61	U	0.61	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	93		67 - 125
Dibromofluoromethane (Surr)	97		37 - 132
4-Bromofluorobenzene (Surr)	86		52 - 136
1,2-Dichloroethane-d4 (Surr)	105		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146562.D
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Analysis Date:	11/18/2015 2159			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1230				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.52	U	0.52	5.2
1,1,1-Trichloroethane		0.67	U	0.67	5.2
1,1,2,2-Tetrachloroethane		0.32	U	0.32	5.2
1,1,2-Trichloro-1,2,2-trifluoroethane		0.43	U	0.43	5.2
1,1-Dichloroethane		0.35	U	0.35	5.2
1,1-Dichloroethene		0.83	U	0.83	5.2
1,1-Dichloropropene		0.38	U	0.38	5.2
1,2,3-Trichlorobenzene		0.52	U	0.52	5.2
1,2,3-Trichloropropane		0.81	U	0.81	5.2
1,2,3-Trimethylbenzene		0.48	U	0.48	5.2
1,2,4-Trichlorobenzene		0.39	U	0.39	5.2
1,2,4-Trimethylbenzene		0.60	U	0.60	5.2
1,2-Dibromo-3-Chloropropane		2.8	U	2.8	10
1,2-Dichlorobenzene		0.35	U	0.35	5.2
1,2-Dichloroethane		0.48	U	0.48	5.2
1,2-Dichloropropane		0.14	U	0.14	5.2
1,3-Dichlorobenzene		0.71	U	0.71	5.2
1,3-Dichloropropane		0.41	U	0.41	5.2
1,4-Dichlorobenzene		0.29	U	0.29	5.2
2,2-Dichloropropane		0.45	U	0.45	5.2
2-Butanone (MEK)		6.4	J	1.2	21
2-Chloroethyl vinyl ether		0.66	U	0.66	52
2-Chlorotoluene		0.31	U	0.31	5.2
2-Hexanone		0.70	U	0.70	21
4-Chlorotoluene		0.27	U	0.27	5.2
p-Isopropyltoluene		0.42	U	0.42	5.2
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	21
Acetone		34		5.9	21
Benzene		0.93	U	0.93	5.2
Bromobenzene		0.34	U	0.34	5.2
Bromoform		0.25	U	0.25	5.2
Bromomethane		0.43	U	0.43	5.2
Carbon disulfide		0.61	U	0.61	5.2
Carbon tetrachloride		0.67	U	0.67	5.2
Chlorobenzene		0.55	U	0.55	5.2
Dibromochloromethane		0.38	U	0.38	5.2
Chloroethane		0.45	U	0.45	5.2
Chloroform		0.37	U	0.37	5.2
Chloromethane		0.82	U	0.82	5.2
cis-1,2-Dichloroethene		0.29	U	0.29	5.2
cis-1,3-Dichloropropene		0.73	U	0.73	5.2
Dibromomethane		0.43	U	0.43	5.2
Bromochloromethane		0.34	U	0.34	5.2
Dichlorodifluoromethane		0.29	U	0.29	5.2
Bromodichloromethane		0.30	U	0.30	5.2
tert-Butyl alcohol (TBA)		5.9	U	5.9	210

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-207393	Lab File ID:	146562.D
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Analysis Date:	11/18/2015 2159			Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 1230				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.33	U	0.33	5.2
Hexachlorobutadiene		0.41	U	0.41	5.2
Diisopropyl ether		0.61	U	0.61	10
Isopropylbenzene		2.8	J	0.21	5.2
Methyl tert-butyl ether		0.44	U	0.44	5.2
Methylene Chloride		0.76	U	0.76	5.2
m-Xylene & p-Xylene		0.43	U	0.43	10
Naphthalene		0.36	U	0.36	5.2
n-Butylbenzene		1.7	J	0.61	5.2
N-Propylbenzene		4.4	J	0.62	5.2
o-Xylene		0.59	U	0.59	5.2
sec-Butylbenzene		2.0	J	0.94	5.2
Styrene		0.41	U	0.41	5.2
Tert-amyl methyl ether		0.44	U	0.44	5.2
Ethyl t-butyl ether		0.42	U	0.42	5.2
Tetrachloroethene		0.83	U	0.83	5.2
Toluene		0.31	J B	0.28	5.2
trans-1,2-Dichloroethene		0.33	U	0.33	5.2
trans-1,3-Dichloropropene		0.30	U	0.30	5.2
Trichloroethene		0.39	U	0.39	5.2
Trichlorofluoromethane		0.30	U	0.30	5.2
Vinyl acetate		0.68	U	0.68	10
Vinyl chloride		0.31	U	0.31	5.2
Xylenes, Total		0.56	U	0.56	10
tert-Butylbenzene		0.69	U	0.69	5.2
1,2-Dibromoethane		0.55	U	0.55	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	90		67 - 125
Dibromofluoromethane (Surr)	89		37 - 132
4-Bromofluorobenzene (Surr)	83		52 - 136
1,2-Dichloroethane-d4 (Surr)	94		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: TB-111315

Lab Sample ID: 240-57930-12 Date Sampled: 11/13/2015 0000
Client Matrix: Water Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXX3077.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1451			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U *	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	0.53	U	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	0.94	U	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0
tert-Butyl alcohol (TBA)	4.9	U	4.9	50

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **TB-111315**

Lab Sample ID: 240-57930-12 Date Sampled: 11/13/2015 0000
Client Matrix: Water Date Received: 11/14/2015 0945

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXX3077.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1451			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	0.33	U	0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	82		80 - 120
Dibromofluoromethane (Surr)	81		79 - 120
4-Bromofluorobenzene (Surr)	75		61 - 120
1,2-Dichloroethane-d4 (Surr)	83		78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-1

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119027.D
Dilution:	1.0			Initial Weight/Volume:	29.52 g
Analysis Date:	11/19/2015 1946			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		7.1	J	0.60	8.0
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		16	U	16	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.91	U	0.91	8.0
Acenaphthylene		0.42	U	0.42	8.0
Acetophenone		11	U	11	120
Anthracene		4.6	J	0.93	8.0
Atrazine		11	U	11	240
Benzaldehyde		17	J	14	120
Benzo[a]anthracene		12		0.75	8.0
Benzo[a]pyrene		12		0.77	8.0
Benzo[b]fluoranthene		17		0.71	8.0
Benzo[g,h,i]perylene		8.7		0.42	8.0
Benzo[k]fluoranthene		9.7		0.81	8.0
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		23	J B	23	84
Butyl benzyl phthalate		12	U	12	84
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		18		1.3	8.0
Dibenz(a,h)anthracene		0.79	U	0.79	8.0
Dibenzofuran		14	J	0.79	60
Diethyl phthalate		19	U	19	84
Dimethyl phthalate		20	U	20	84

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-1

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119027.D
Dilution:	1.0			Initial Weight/Volume:	29.52 g
Analysis Date:	11/19/2015 1946			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	84
Di-n-octyl phthalate		9.4	U	9.4	84
Fluoranthene		27		0.66	8.0
Fluorene		4.8	J	0.63	8.0
Hexachlorobenzene		2.5	U	2.5	8.0
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		7.3	J	0.42	8.0
Isophorone		16	U	16	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		7.4	J	0.98	8.0
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		20		0.87	8.0
Phenol		8.7	U	8.7	60
Pyrene		23		0.53	8.0
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	44		36 - 110
Phenol-d5 (Surr)	44		26 - 110
Nitrobenzene-d5 (Surr)	42		20 - 110
2-Fluorophenol (Surr)	43		24 - 110
2-Fluorobiphenyl (Surr)	44		24 - 110
2,4,6-Tribromophenol (Surr)	39		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119026.D
Dilution:	1.0			Initial Weight/Volume:	29.77 g
Analysis Date:	11/19/2015 1923			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		7.2	J	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		85		0.60	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		10		0.91	7.9
Acenaphthylene		4.6	J	0.42	7.9
Acetophenone		24	J	11	120
Anthracene		7.4	J	0.93	7.9
Atrazine		11	U	11	240
Benzaldehyde		23	J	14	120
Benzo[a]anthracene		14		0.75	7.9
Benzo[a]pyrene		12		0.76	7.9
Benzo[b]fluoranthene		17		0.70	7.9
Benzo[g,h,i]perylene		10		0.42	7.9
Benzo[k]fluoranthene		8.9		0.81	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		31	J B	23	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		20		1.3	7.9
Dibenz(a,h)anthracene		0.79	U	0.79	7.9
Dibenzofuran		11	J	0.79	60
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119026.D
Dilution:	1.0			Initial Weight/Volume:	29.77 g
Analysis Date:	11/19/2015 1923			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		30		0.66	7.9
Fluorene		14		0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		9.0		0.42	7.9
Isophorone		15	U	15	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		51		0.98	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		35		0.87	7.9
Phenol		8.7	U	8.7	60
Pyrene		28		0.52	7.9
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	76		36 - 110
Phenol-d5 (Surr)	72		26 - 110
Nitrobenzene-d5 (Surr)	68		20 - 110
2-Fluorophenol (Surr)	72		24 - 110
2-Fluorobiphenyl (Surr)	72		24 - 110
2,4,6-Tribromophenol (Surr)	58		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-3

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119030.D
Dilution:	2.5			Initial Weight/Volume:	30.26 g
Analysis Date:	11/19/2015 2057			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		85	J	10	150
bis (2-chloroisopropyl) ether		28	U	28	290
2,4,5-Trichlorophenol		73	U	73	440
2,4,6-Trichlorophenol		26	U	26	440
2,4-Dichlorophenol		59	U	59	440
2,4-Dimethylphenol		59	U	59	440
2,4-Dinitrophenol		62	U	62	970
2,4-Dinitrotoluene		50	U	50	590
2,6-Dinitrotoluene		62	U	62	590
2-Chloronaphthalene		1.3	U	1.3	150
2-Chlorophenol		24	U	24	150
2-Methylnaphthalene		360		1.5	20
2-Methylphenol		32	U	32	590
2-Nitroaniline		27	U	27	590
2-Nitrophenol		24	U	24	150
3,3'-Dichlorobenzidine		53	U	53	290
3-Nitroaniline		47	U	47	590
4,6-Dinitro-2-methylphenol		27	U	27	440
4-Bromophenyl phenyl ether		38	U	38	150
4-Chloro-3-methylphenol		62	U	62	440
4-Chloroaniline		50	U	50	440
4-Chlorophenyl phenyl ether		38	U	38	150
4-Nitroaniline		76	U	76	590
4-Nitrophenol		50	U	50	970
Acenaphthene		350		2.2	20
Acenaphthylene		28		1.0	20
Acetophenone		27	U	27	290
Anthracene		590		2.3	20
Atrazine		27	U	27	590
Benzaldehyde		35	U	35	290
Benzo[a]anthracene		960		1.8	20
Benzo[a]pyrene		700		1.9	20
Benzo[b]fluoranthene		1100		1.7	20
Benzo[g,h,i]perylene		240		1.0	20
Benzo[k]fluoranthene		440		2.0	20
Bis(2-chloroethoxy)methane		64	U	64	290
Bis(2-chloroethyl)ether		5.9	U	5.9	290
Bis(2-ethylhexyl) phthalate		56	U	56	210
Butyl benzyl phthalate		29	U	29	210
Caprolactam		110	U	110	970
Carbazole		150		79	150
Chrysene		1000		3.2	20
Dibenz(a,h)anthracene		69		1.9	20
Dibenzofuran		330		1.9	150
Diethyl phthalate		47	U	47	210
Dimethyl phthalate		50	U	50	210

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-3

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119030.D
Dilution:	2.5			Initial Weight/Volume:	30.26 g
Analysis Date:	11/19/2015 2057			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		44	U	44	210
Di-n-octyl phthalate		23	U	23	210
Fluoranthene		2500		1.6	20
Fluorene		350		1.6	20
Hexachlorobenzene		6.2	U	6.2	20
Hexachlorobutadiene		16	U	16	150
Hexachlorocyclopentadiene		24	U	24	970
Hexachloroethane		26	U	26	150
Indeno[1,2,3-cd]pyrene		250		1.0	20
Isophorone		38	U	38	150
N-Nitrosodi-n-propylamine		18	U	18	150
N-Nitrosodiphenylamine		62	U	62	150
Naphthalene		460		2.4	20
Nitrobenzene		6.4	U	6.4	290
Pentachlorophenol		27	U	27	440
Phenanthrene		1900		2.1	20
Phenol		21	U	21	150
Pyrene		1800		1.3	20
3 & 4 Methylphenol		59	U	59	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	76		36 - 110
Phenol-d5 (Surr)	82		26 - 110
Nitrobenzene-d5 (Surr)	71		20 - 110
2-Fluorophenol (Surr)	80		24 - 110
2-Fluorobiphenyl (Surr)	77		24 - 110
2,4,6-Tribromophenol (Surr)	65		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-4

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119029.D
Dilution:	1.0			Initial Weight/Volume:	30.32 g
Analysis Date:	11/19/2015 2034			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		48	J	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		220		0.60	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.9	U	9.9	60
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		110		0.90	7.9
Acenaphthylene		23		0.42	7.9
Acetophenone		11	U	11	120
Anthracene		160		0.93	7.9
Atrazine		11	U	11	240
Benzaldehyde		17	J	14	120
Benzo[a]anthracene		200		0.75	7.9
Benzo[a]pyrene		100		0.76	7.9
Benzo[b]fluoranthene		240		0.70	7.9
Benzo[g,h,i]perylene		41		0.42	7.9
Benzo[k]fluoranthene		71		0.81	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		33	J B	23	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	60
Chrysene		260		1.3	7.9
Dibenz(a,h)anthracene		19		0.79	7.9
Dibenzofuran		170		0.79	60
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-4

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119029.D
Dilution:	1.0			Initial Weight/Volume:	30.32 g
Analysis Date:	11/19/2015 2034			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.4	U	9.4	83
Fluoranthene		560		0.65	7.9
Fluorene		120		0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.6	U	9.6	390
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		40		0.42	7.9
Isophorone		15	U	15	60
N-Nitrosodi-n-propylamine		7.5	U	7.5	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		290		0.98	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		550		0.87	7.9
Phenol		8.7	U	8.7	60
Pyrene		420		0.52	7.9
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	69		36 - 110
Phenol-d5 (Surr)	67		26 - 110
Nitrobenzene-d5 (Surr)	62		20 - 110
2-Fluorophenol (Surr)	66		24 - 110
2-Fluorobiphenyl (Surr)	66		24 - 110
2,4,6-Tribromophenol (Surr)	56		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-1

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119014.D
Dilution:	1.0			Initial Weight/Volume:	30.24 g
Analysis Date:	11/19/2015 1437			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		23	U	23	180
2,4-Dimethylphenol		23	U	23	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		25	U	25	230
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.6	U	9.6	59
2-Methylnaphthalene		0.59	U	0.59	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	390
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.91	U	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.74	U	0.74	7.8
Benzo[a]pyrene		0.75	U	0.75	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.80	U	0.80	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		25	J B	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	390
Carbazole		32	U	32	59
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	59
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-1

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206908	Lab File ID:	51119014.D
Dilution:	1.0			Initial Weight/Volume:	30.24 g
Analysis Date:	11/19/2015 1437			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	82
Di-n-octyl phthalate		9.3	U	9.3	82
Fluoranthene		0.64	U	0.64	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.5	U	2.5	7.8
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	59
N-Nitrosodi-n-propylamine		7.4	U	7.4	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		0.96	U	0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.86	U	0.86	7.8
Phenol		8.6	U	8.6	59
Pyrene		0.52	U	0.52	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	86		36 - 110
Phenol-d5 (Surr)	80		26 - 110
Nitrobenzene-d5 (Surr)	70		20 - 110
2-Fluorophenol (Surr)	78		24 - 110
2-Fluorobiphenyl (Surr)	79		24 - 110
2,4,6-Tribromophenol (Surr)	56		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-2

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119017.D
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Analysis Date:	11/19/2015 1548			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.7	U	9.7	59
2-Methylnaphthalene		0.59	U	0.59	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.8	U	9.8	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		0.90	U	0.90	7.9
Acenaphthylene		0.41	U	0.41	7.9
Acetophenone		11	U	11	120
Anthracene		0.92	U	0.92	7.9
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.74	U	0.74	7.9
Benzo[a]pyrene		0.76	U	0.76	7.9
Benzo[b]fluoranthene		0.70	U	0.70	7.9
Benzo[g,h,i]perylene		0.41	U	0.41	7.9
Benzo[k]fluoranthene		0.80	U	0.80	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		38	J B	22	83
Butyl benzyl phthalate		12	U	12	83
Caprolactam		44	U	44	390
Carbazole		32	U	32	59
Chrysene		1.3	U	1.3	7.9
Dibenz(a,h)anthracene		0.78	U	0.78	7.9
Dibenzofuran		0.78	U	0.78	59
Diethyl phthalate		19	U	19	83
Dimethyl phthalate		20	U	20	83

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-2

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119017.D
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Analysis Date:	11/19/2015 1548			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	83
Di-n-octyl phthalate		9.3	U	9.3	83
Fluoranthene		0.65	U	0.65	7.9
Fluorene		0.63	U	0.63	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.6	U	9.6	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.9
Isophorone		15	U	15	59
N-Nitrosodi-n-propylamine		7.4	U	7.4	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		0.97	U	0.97	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.86	U	0.86	7.9
Phenol		8.6	U	8.6	59
Pyrene		0.52	U	0.52	7.9
3 & 4 Methylphenol		24	U	24	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	68		36 - 110
Phenol-d5 (Surr)	68		26 - 110
Nitrobenzene-d5 (Surr)	64		20 - 110
2-Fluorophenol (Surr)	68		24 - 110
2-Fluorobiphenyl (Surr)	67		24 - 110
2,4,6-Tribromophenol (Surr)	55		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-3

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119018.D
Dilution:	1.0			Initial Weight/Volume:	30.21 g
Analysis Date:	11/19/2015 1612			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.3	U	4.3	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		31	U	31	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		25	U	25	180
2,4-Dimethylphenol		25	U	25	180
2,4-Dinitrophenol		26	U	26	400
2,4-Dinitrotoluene		21	U	21	250
2,6-Dinitrotoluene		26	U	26	250
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		10	U	10	61
2-Methylnaphthalene		0.61	U	0.61	8.2
2-Methylphenol		13	U	13	250
2-Nitroaniline		11	U	11	250
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		20	U	20	250
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		26	U	26	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		32	U	32	250
4-Nitrophenol		21	U	21	400
Acenaphthene		0.93	U	0.93	8.2
Acenaphthylene		0.43	U	0.43	8.2
Acetophenone		11	U	11	120
Anthracene		0.96	U	0.96	8.2
Atrazine		11	U	11	250
Benzaldehyde		45	J	15	120
Benzo[a]anthracene		0.77	U	0.77	8.2
Benzo[a]pyrene		0.78	U	0.78	8.2
Benzo[b]fluoranthene		0.72	U	0.72	8.2
Benzo[g,h,i]perylene		0.43	U	0.43	8.2
Benzo[k]fluoranthene		0.83	U	0.83	8.2
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.5	U	2.5	120
Bis(2-ethylhexyl) phthalate		55	J B	23	86
Butyl benzyl phthalate		12	U	12	86
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.2
Dibenz(a,h)anthracene		0.81	U	0.81	8.2
Dibenzofuran		0.81	U	0.81	61
Diethyl phthalate		20	U	20	86
Dimethyl phthalate		21	U	21	86

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-3

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119018.D
Dilution:	1.0			Initial Weight/Volume:	30.21 g
Analysis Date:	11/19/2015 1612			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	86
Di-n-octyl phthalate		9.7	U	9.7	86
Fluoranthene		0.67	U	0.67	8.2
Fluorene		0.65	U	0.65	8.2
Hexachlorobenzene		2.6	U	2.6	8.2
Hexachlorobutadiene		6.9	U	6.9	61
Hexachlorocyclopentadiene		9.9	U	9.9	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.43	U	0.43	8.2
Isophorone		16	U	16	61
N-Nitrosodi-n-propylamine		7.7	U	7.7	61
N-Nitrosodiphenylamine		26	U	26	61
Naphthalene		1.0	U	1.0	8.2
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.90	U	0.90	8.2
Phenol		9.0	U	9.0	61
Pyrene		0.54	U	0.54	8.2
3 & 4 Methylphenol		25	U	25	490

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	66		36 - 110
Phenol-d5 (Surr)	67		26 - 110
Nitrobenzene-d5 (Surr)	59		20 - 110
2-Fluorophenol (Surr)	66		24 - 110
2-Fluorobiphenyl (Surr)	63		24 - 110
2,4,6-Tribromophenol (Surr)	40		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-4

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119019.D
Dilution:	1.0			Initial Weight/Volume:	29.80 g
Analysis Date:	11/19/2015 1636			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	60
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	400
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.54	U	0.54	60
2-Chlorophenol		9.8	U	9.8	60
2-Methylnaphthalene		0.60	U	0.60	8.0
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	60
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	60
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		16	U	16	60
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	400
Acenaphthene		0.91	U	0.91	8.0
Acenaphthylene		0.42	U	0.42	8.0
Acetophenone		11	U	11	120
Anthracene		0.94	U	0.94	8.0
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.76	U	0.76	8.0
Benzo[a]pyrene		0.77	U	0.77	8.0
Benzo[b]fluoranthene		0.71	U	0.71	8.0
Benzo[g,h,i]perylene		0.42	U	0.42	8.0
Benzo[k]fluoranthene		0.82	U	0.82	8.0
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		30	J B	23	84
Butyl benzyl phthalate		12	U	12	84
Caprolactam		44	U	44	400
Carbazole		32	U	32	60
Chrysene		1.3	U	1.3	8.0
Dibenz(a,h)anthracene		0.79	U	0.79	8.0
Dibenzofuran		0.79	U	0.79	60
Diethyl phthalate		19	U	19	84
Dimethyl phthalate		20	U	20	84

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-4

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119019.D
Dilution:	1.0			Initial Weight/Volume:	29.80 g
Analysis Date:	11/19/2015 1636			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	84
Di-n-octyl phthalate		9.5	U	9.5	84
Fluoranthene		0.66	U	0.66	8.0
Fluorene		0.64	U	0.64	8.0
Hexachlorobenzene		2.5	U	2.5	8.0
Hexachlorobutadiene		6.7	U	6.7	60
Hexachlorocyclopentadiene		9.7	U	9.7	400
Hexachloroethane		11	U	11	60
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.0
Isophorone		16	U	16	60
N-Nitrosodi-n-propylamine		7.6	U	7.6	60
N-Nitrosodiphenylamine		25	U	25	60
Naphthalene		0.98	U	0.98	8.0
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.88	U	0.88	8.0
Phenol		8.8	U	8.8	60
Pyrene		0.53	U	0.53	8.0
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	74		36 - 110
Phenol-d5 (Surr)	75		26 - 110
Nitrobenzene-d5 (Surr)	66		20 - 110
2-Fluorophenol (Surr)	73		24 - 110
2-Fluorobiphenyl (Surr)	71		24 - 110
2,4,6-Tribromophenol (Surr)	54		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-5

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119020.D
Dilution:	1.0			Initial Weight/Volume:	29.71 g
Analysis Date:	11/19/2015 1700			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.2	U	4.2	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		30	U	30	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	400
2,4-Dinitrotoluene		21	U	21	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		9.9	U	9.9	61
2-Methylnaphthalene		0.61	U	0.61	8.1
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		32	U	32	240
4-Nitrophenol		21	U	21	400
Acenaphthene		0.92	U	0.92	8.1
Acenaphthylene		0.42	U	0.42	8.1
Acetophenone		11	U	11	120
Anthracene		0.95	U	0.95	8.1
Atrazine		11	U	11	240
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.76	U	0.76	8.1
Benzo[a]pyrene		0.78	U	0.78	8.1
Benzo[b]fluoranthene		0.72	U	0.72	8.1
Benzo[g,h,i]perylene		0.42	U	0.42	8.1
Benzo[k]fluoranthene		0.82	U	0.82	8.1
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		62	J B	23	85
Butyl benzyl phthalate		12	U	12	85
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.1
Dibenz(a,h)anthracene		0.80	U	0.80	8.1
Dibenzofuran		0.80	U	0.80	61
Diethyl phthalate		19	U	19	85
Dimethyl phthalate		21	U	21	85

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-5

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119020.D
Dilution:	1.0			Initial Weight/Volume:	29.71 g
Analysis Date:	11/19/2015 1700			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	85
Di-n-octyl phthalate		9.6	U	9.6	85
Fluoranthene		0.67	U	0.67	8.1
Fluorene		0.64	U	0.64	8.1
Hexachlorobenzene		2.5	U	2.5	8.1
Hexachlorobutadiene		6.8	U	6.8	61
Hexachlorocyclopentadiene		9.8	U	9.8	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.42	U	0.42	8.1
Isophorone		16	U	16	61
N-Nitrosodi-n-propylamine		7.6	U	7.6	61
N-Nitrosodiphenylamine		25	U	25	61
Naphthalene		0.99	U	0.99	8.1
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.88	U	0.88	8.1
Phenol		8.8	U	8.8	61
Pyrene		0.53	U	0.53	8.1
3 & 4 Methylphenol		24	U	24	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	73		36 - 110
Phenol-d5 (Surr)	69		26 - 110
Nitrobenzene-d5 (Surr)	60		20 - 110
2-Fluorophenol (Surr)	68		24 - 110
2-Fluorobiphenyl (Surr)	67		24 - 110
2,4,6-Tribromophenol (Surr)	41		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-6

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119021.D
Dilution:	1.0			Initial Weight/Volume:	30.14 g
Analysis Date:	11/19/2015 1723			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		23	U	23	180
2,4-Dimethylphenol		23	U	23	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		25	U	25	230
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.6	U	9.6	59
2-Methylnaphthalene		0.59	U	0.59	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		31	U	31	230
4-Nitrophenol		20	U	20	390
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		0.41	U	0.41	7.8
Acetophenone		11	U	11	120
Anthracene		0.92	U	0.92	7.8
Atrazine		11	U	11	230
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		0.74	U	0.74	7.8
Benzo[a]pyrene		0.75	U	0.75	7.8
Benzo[b]fluoranthene		0.69	U	0.69	7.8
Benzo[g,h,i]perylene		0.41	U	0.41	7.8
Benzo[k]fluoranthene		0.80	U	0.80	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		31	J B	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	390
Carbazole		32	U	32	59
Chrysene		1.3	U	1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		0.77	U	0.77	59
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-6

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119021.D
Dilution:	1.0			Initial Weight/Volume:	30.14 g
Analysis Date:	11/19/2015 1723			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	82
Di-n-octyl phthalate		9.3	U	9.3	82
Fluoranthene		0.65	U	0.65	7.8
Fluorene		0.62	U	0.62	7.8
Hexachlorobenzene		2.5	U	2.5	7.8
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		0.41	U	0.41	7.8
Isophorone		15	U	15	59
N-Nitrosodi-n-propylamine		7.4	U	7.4	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		0.96	U	0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		0.86	U	0.86	7.8
Phenol		8.6	U	8.6	59
Pyrene		0.52	U	0.52	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	70		36 - 110
Phenol-d5 (Surr)	69		26 - 110
Nitrobenzene-d5 (Surr)	61		20 - 110
2-Fluorophenol (Surr)	68		24 - 110
2-Fluorobiphenyl (Surr)	66		24 - 110
2,4,6-Tribromophenol (Surr)	53		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119028.D
Dilution:	1.0			Initial Weight/Volume:	30.46 g
Analysis Date:	11/19/2015 2010			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	58
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		23	U	23	180
2,4-Dimethylphenol		23	U	23	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	230
2,6-Dinitrotoluene		25	U	25	230
2-Chloronaphthalene		0.53	U	0.53	58
2-Chlorophenol		9.6	U	9.6	58
2-Methylnaphthalene		7.8		0.58	7.8
2-Methylphenol		13	U	13	230
2-Nitroaniline		11	U	11	230
2-Nitrophenol		9.7	U	9.7	58
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	230
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	58
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	58
4-Nitroaniline		30	U	30	230
4-Nitrophenol		20	U	20	390
Acenaphthene		0.89	U	0.89	7.8
Acenaphthylene		4.0	J	0.41	7.8
Acetophenone		17	J	11	120
Anthracene		5.4	J	0.91	7.8
Atrazine		11	U	11	230
Benzaldehyde		25	J	14	120
Benzo[a]anthracene		16		0.74	7.8
Benzo[a]pyrene		17		0.75	7.8
Benzo[b]fluoranthene		30		0.69	7.8
Benzo[g,h,i]perylene		10		0.41	7.8
Benzo[k]fluoranthene		9.9		0.79	7.8
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.3	U	2.3	120
Bis(2-ethylhexyl) phthalate		22	U	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		43	U	43	390
Carbazole		32	U	32	58
Chrysene		22		1.3	7.8
Dibenz(a,h)anthracene		0.77	U	0.77	7.8
Dibenzofuran		16	J	0.77	58
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Prep Method:	3540C	Prep Batch:	240-206887	Lab File ID:	51119028.D
Dilution:	1.0			Initial Weight/Volume:	30.46 g
Analysis Date:	11/19/2015 2010			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		18	U	18	82
Di-n-octyl phthalate		9.2	U	9.2	82
Fluoranthene		37		0.64	7.8
Fluorene		6.1	J	0.62	7.8
Hexachlorobenzene		2.5	U	2.5	7.8
Hexachlorobutadiene		6.5	U	6.5	58
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	58
Indeno[1,2,3-cd]pyrene		9.2		0.41	7.8
Isophorone		15	U	15	58
N-Nitrosodi-n-propylamine		7.4	U	7.4	58
N-Nitrosodiphenylamine		25	U	25	58
Naphthalene		12		0.96	7.8
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		27		0.85	7.8
Phenol		8.5	U	8.5	58
Pyrene		30		0.51	7.8
3 & 4 Methylphenol		23	U	23	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	66		36 - 110
Phenol-d5 (Surr)	68		26 - 110
Nitrobenzene-d5 (Surr)	65		20 - 110
2-Fluorophenol (Surr)	68		24 - 110
2-Fluorobiphenyl (Surr)	66		24 - 110
2,4,6-Tribromophenol (Surr)	62		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-1**

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	0.55 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1118			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		3500		490	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	69		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-2

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207037	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-207078	Initial Weight/Volume:	0.48 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1039			Injection Volume:	5 mL
Prep Date:	11/17/2015 0748			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		5500	B	570	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-3**

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207246	Instrument ID:	AFID
Prep Method:	5030A	Prep Batch:	240-207274	Initial Weight/Volume:	5.02 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 1704			Injection Volume:	5 mL
Prep Date:	11/18/2015 0657			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		110	J	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	75		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VS-UST-P-4

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	5.01 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1301			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	67		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	5.05 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1336			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		54	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	72		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: F-VB-UST-P-2

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	4.96 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1412			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	64		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	5.08 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1519			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		60	J	56	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	72		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	4.95 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1556			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	53		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	4.98 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1630			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	51		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-6**

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	4.96 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1705			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	72		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-206833	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-206878	Initial Weight/Volume:	0.50 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2015 1740			Injection Volume:	5 mL
Prep Date:	11/16/2015 0812			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		1800		540	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	70		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-1**

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	30.28 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 0732			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		80		7.5	19

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	82		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-2**

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	29.96 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 0804			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		130		7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	95		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-3**

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	30.34 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 0835			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		42		7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	75		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-4**

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	30.19 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 1010			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		120		7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	82		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	29.96 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 1047			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.6	U	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	76		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-2**

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	29.88 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 1121			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.6	U	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	79		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-206884	Initial Weight/Volume:	30.03 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/18/2015 1232			Injection Volume:	1 uL
Prep Date:	11/16/2015 0833			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.9	U	7.9	21

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	69		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-207121	Initial Weight/Volume:	30.20 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/19/2015 0232			Injection Volume:	1 uL
Prep Date:	11/17/2015 1002			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.6	U	7.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	90		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-207121	Initial Weight/Volume:	29.52 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/19/2015 0304			Injection Volume:	1 uL
Prep Date:	11/17/2015 1002			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.8	U	7.8	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	81		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-6**

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-207121	Initial Weight/Volume:	30.04 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/19/2015 0336			Injection Volume:	1 uL
Prep Date:	11/17/2015 1002			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		8.0	J	7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	83		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-207121	Initial Weight/Volume:	30.26 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/19/2015 0407			Injection Volume:	1 uL
Prep Date:	11/17/2015 1002			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		51		7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	79		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-1**

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2351			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		13 - 134
DCB Decachlorobiphenyl	72		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-2**

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	30.44 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/19/2015 0009			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	61		13 - 134
DCB Decachlorobiphenyl	70		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-3**

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.65 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/19/2015 0027			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.6	U	9.6	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		13 - 134
DCB Decachlorobiphenyl	90		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-4**

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid % Moisture: 16.9 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	30.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/19/2015 0045			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		13 - 134
DCB Decachlorobiphenyl	141		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	30.45 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/19/2015 0158			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	38
Aroclor-1221		19	U	19	38
Aroclor-1232		23	U	23	38
Aroclor-1242		13	U	13	38
Aroclor-1248		9.3	U	9.3	38
Aroclor-1254		16	U	16	38
Aroclor-1260		10	U	10	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		13 - 134
DCB Decachlorobiphenyl	82		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-2**

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid % Moisture: 15.5 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.88 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2202			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		13 - 134
DCB Decachlorobiphenyl	66		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid % Moisture: 19.0 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	30.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2220			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	41
Aroclor-1221		20	U	20	41
Aroclor-1232		25	U	25	41
Aroclor-1242		14	U	14	41
Aroclor-1248		9.9	U	9.9	41
Aroclor-1254		17	U	17	41
Aroclor-1260		11	U	11	41

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		13 - 134
DCB Decachlorobiphenyl	66		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid % Moisture: 16.1 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.74 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2238			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.6	U	9.6	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		13 - 134
DCB Decachlorobiphenyl	79		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid % Moisture: 16.7 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.69 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2256			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.7	U	9.7	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		13 - 134
DCB Decachlorobiphenyl	71		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VB-UST-P-6**

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.68 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2315			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		13 - 134
DCB Decachlorobiphenyl	71		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid % Moisture: 15.6 Date Received: 11/14/2015 0945

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-206917	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/18/2015 2333			Injection Volume:	1 uL
Prep Date:	11/16/2015 0932			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	39
Aroclor-1221		19	U	19	39
Aroclor-1232		24	U	24	39
Aroclor-1242		13	U	13	39
Aroclor-1248		9.5	U	9.5	39
Aroclor-1254		17	U	17	39
Aroclor-1260		11	U	11	39

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		13 - 134
DCB Decachlorobiphenyl	78		10 - 155

General Chemistry

Client Sample ID: **F-VS-UST-P-1**

Lab Sample ID: 240-57930-1 Date Sampled: 11/13/2015 1030
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VS-UST-P-2**

Lab Sample ID: 240-57930-2 Date Sampled: 11/13/2015 1035
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VS-UST-P-3**

Lab Sample ID: 240-57930-3 Date Sampled: 11/13/2015 1040
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VS-UST-P-4**

Lab Sample ID: 240-57930-4 Date Sampled: 11/13/2015 1045
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-1**

Lab Sample ID: 240-57930-5 Date Sampled: 11/13/2015 1000
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-2**

Lab Sample ID: 240-57930-6 Date Sampled: 11/13/2015 1005
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-3**

Lab Sample ID: 240-57930-7 Date Sampled: 11/13/2015 1010
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-4**

Lab Sample ID: 240-57930-8 Date Sampled: 11/13/2015 1015
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-5**

Lab Sample ID: 240-57930-9 Date Sampled: 11/13/2015 1020
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-6**

Lab Sample ID: 240-57930-10 Date Sampled: 11/13/2015 1025
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VS-UST-P-DUP**

Lab Sample ID: 240-57930-11 Date Sampled: 11/13/2015 0000
Client Matrix: Solid Date Received: 11/14/2015 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-207016	Analysis Date: 11/16/2015 1541						DryWt Corrected: N

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-57930-1	F-VS-UST-P-1	100	104	104	97
240-57930-2	F-VS-UST-P-2	92	98	94	91
240-57930-2	F-VS-UST-P-2	92	95	103	105
240-57930-2	F-VS-UST-P-2	94	88	110	93
240-57930-3	F-VS-UST-P-3	91	91	94	89
240-57930-4	F-VS-UST-P-4	87	85	111	102*
240-57930-5	F-VB-UST-P-1	89	90	89	78
240-57930-6	F-VB-UST-P-2	95	100	89	79
240-57930-7	F-VB-UST-P-3	99	105	94	82
240-57930-8	F-VB-UST-P-4	103	113	96	89
240-57930-9	F-VB-UST-P-5	86	89	84	76
240-57930-10	F-VB-UST-P-6	97	105	93	86
240-57930-11	F-VS-UST-P-DUP	89	94	90	83
MB 240-207343/6		91	95	87	76
MB 240-207560/6		98	102	92	82
MB 240-207720/8		117	114	120	114
LCS 240-207343/5		97	94	91	80
LCS 240-207343/7		90	92	89	80
LCS 240-207560/5		98	98	92	81
LCS 240-207560/7		95	94	89	83
LCS 240-207720/6		105	100	104	96
240-57921-A-4-J MS		52	93	90	83
240-57972-C-3-C MS		101	94	101	98
240-57921-A-4-K MSD		49	93	90	84
240-57972-C-3-D MSD		98	95	101	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-57930-12	TB-111315	81	83	82	75
MB 240-207096/6		82	82	82	75
LCS 240-207096/4		90	90	90	85
200-30727-B-1 MS		81	81	84	80
200-30727-B-1 MSD		84	80	84	80

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-57930-1	F-VS-UST-P-1	43	44	42	44	39	44
240-57930-2	F-VS-UST-P-2	72	72	68	72	58	76
240-57930-3	F-VS-UST-P-3	80	82	71	77	65	76
240-57930-4	F-VS-UST-P-4	66	67	62	66	56	69
240-57930-5	F-VB-UST-P-1	78	80	70	79	56	86
240-57930-6	F-VB-UST-P-2	68	68	64	67	55	68
240-57930-7	F-VB-UST-P-3	66	67	59	63	40	66
240-57930-8	F-VB-UST-P-4	73	75	66	71	54	74
240-57930-9	F-VB-UST-P-5	68	69	60	67	41	73
240-57930-10	F-VB-UST-P-6	68	69	61	66	53	70
240-57930-11	F-VS-UST-P-DUP	68	68	65	66	62	66
MB 240-206887/23-A		65	72	67	74	43	77
MB 240-206908/21-A		70	73	67	70	30	74
LCS 240-206887/24-A		80	80	73	77	69	78
LCS 240-206908/22-A		70	71	70	70	42	71
240-57930-5 MS	F-VB-UST-P-1 MS	78	78	73	74	72	76
240-57930-5 MSD	F-VB-UST-P-1 MSD	73	74	71	72	64	75

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-57930-1	F-VS-UST-P-1	69
240-57930-2	F-VS-UST-P-2	78
240-57930-3	F-VS-UST-P-3	75
240-57930-4	F-VS-UST-P-4	67
240-57930-5	F-VB-UST-P-1	72
240-57930-6	F-VB-UST-P-2	64
240-57930-7	F-VB-UST-P-3	72
240-57930-8	F-VB-UST-P-4	53
240-57930-9	F-VB-UST-P-5	51
240-57930-10	F-VB-UST-P-6	72
240-57930-11	F-VS-UST-P-DUP	70
MB 240-206878/1-A		71
MB 240-207078/1-A		79
MB 240-207274/1-A		78
LCS 240-206878/2-A		72
LCS 240-207078/2-A		101
LCS 240-207274/2-A		101
240-57930-11 MS	F-VS-UST-P-DUP MS	87
240-57774-C-8-J MS		100
240-57930-11 MSD	F-VS-UST-P-DUP MSD	73
240-57774-C-8-K MSD		100

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	40-139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-57930-1	F-VS-UST-P-1	82
240-57930-2	F-VS-UST-P-2	95
240-57930-3	F-VS-UST-P-3	75
240-57930-4	F-VS-UST-P-4	82
240-57930-5	F-VB-UST-P-1	76
240-57930-6	F-VB-UST-P-2	79
240-57930-7	F-VB-UST-P-3	69
240-57930-8	F-VB-UST-P-4	90
240-57930-9	F-VB-UST-P-5	81
240-57930-10	F-VB-UST-P-6	83
240-57930-11	F-VS-UST-P-DUP	79
MB 240-206884/23-A		77
MB 240-207121/7-A		75
LCS 240-206884/24-A		82
LCS 240-207121/8-A		103
240-57930-11 MS	F-VS-UST-P-DUP MS	93
240-57930-11 MSD	F-VS-UST-P-DUP MSD	93

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX2 %Rec	DCB2 %Rec
240-57930-1	F-VS-UST-P-1	83	72
240-57930-2	F-VS-UST-P-2	61	70
240-57930-3	F-VS-UST-P-3	67	90
240-57930-4	F-VS-UST-P-4	78	141
240-57930-5	F-VB-UST-P-1	83	82
240-57930-6	F-VB-UST-P-2	70	66
240-57930-7	F-VB-UST-P-3	67	66
240-57930-8	F-VB-UST-P-4	83	79
240-57930-9	F-VB-UST-P-5	80	71
240-57930-10	F-VB-UST-P-6	72	71
240-57930-11	F-VS-UST-P-DUP	82	78
MB 240-206917/21-A		74	79
LCS 240-206917/22-A		75	77
240-57880-E-1-B MS		75	94
240-57880-E-1-C MSD		90	87

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Method Blank - Batch: 240-207096

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-207096/6	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3070.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1217	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1217				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	0.53	U	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	0.94	U	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207096

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-207096/6	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3070.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1217	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1217				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	4.9	U	4.9	50
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	1.18		0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	82	80 - 120
Dibromofluoromethane (Surr)	82	79 - 120
4-Bromofluorobenzene (Surr)	75	61 - 120
1,2-Dichloroethane-d4 (Surr)	82	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207096

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-207096/4	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1134	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	10.0	9.46	95	80 - 120	
1,1,1-Trichloroethane	10.0	9.11	91	77 - 123	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	71 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.72	97	67 - 138	
1,1-Dichloroethane	10.0	9.27	93	79 - 125	
1,1-Dichloroethene	10.0	9.08	91	76 - 124	
1,1-Dichloropropene	10.0	10.0	100	80 - 128	
1,2,3-Trichlorobenzene	10.0	5.89	59	66 - 120	*
1,2,3-Trichloropropane	10.0	10.0	100	72 - 126	
1,2,4-Trichlorobenzene	10.0	6.37	64	61 - 120	
1,2,4-Trimethylbenzene	10.0	9.26	93	76 - 120	
1,2-Dibromo-3-Chloropropane	10.0	8.37	84	50 - 132	
1,2-Dichlorobenzene	10.0	9.01	90	79 - 120	
1,2-Dichloroethane	10.0	9.37	94	80 - 120	
1,2-Dichloropropane	10.0	9.44	94	78 - 124	
1,3-Dichlorobenzene	10.0	9.15	91	79 - 120	
1,3-Dichloropropane	10.0	9.46	95	80 - 120	
1,4-Dichlorobenzene	10.0	9.15	91	79 - 120	
2,2-Dichloropropane	10.0	7.77	78	71 - 122	
2-Butanone (MEK)	20.0	19.0	95	56 - 138	
2-Chloroethyl vinyl ether	10.0	9.41	94	54 - 139	J
2-Chlorotoluene	10.0	9.78	98	80 - 120	
2-Hexanone	20.0	19.2	96	55 - 141	
4-Chlorotoluene	10.0	9.88	99	80 - 120	
p-Isopropyltoluene	10.0	9.20	92	77 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	18.8	94	64 - 135	
Acetone	20.0	18.4	92	34 - 148	
Benzene	10.0	9.16	92	80 - 120	
Bromobenzene	10.0	9.75	98	80 - 120	
Bromoform	10.0	8.92	89	56 - 122	
Bromomethane	10.0	8.49	85	38 - 132	
Carbon disulfide	10.0	8.54	85	65 - 144	
Carbon tetrachloride	10.0	9.28	93	77 - 131	
Chlorobenzene	10.0	9.38	94	80 - 120	
Dibromochloromethane	10.0	9.64	96	74 - 120	
Chloroethane	10.0	8.47	85	36 - 126	
Chloroform	10.0	9.47	95	80 - 120	
Chloromethane	10.0	8.43	84	48 - 133	
cis-1,2-Dichloroethene	10.0	9.25	92	79 - 120	
cis-1,3-Dichloropropene	10.0	9.55	96	74 - 126	
Dibromomethane	10.0	9.34	93	80 - 120	
Bromochloromethane	10.0	9.25	93	80 - 120	
Dichlorodifluoromethane	10.0	6.79	68	23 - 136	
Bromodichloromethane	10.0	9.05	90	80 - 120	
tert-Butyl alcohol (TBA)	100	73.6	74	38 - 144	
Ethylbenzene	10.0	9.52	95	80 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207096

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-207096/4	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1134	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	10.0	6.28	63	62 - 120	
Isopropylbenzene	10.0	9.49	95	77 - 120	
Methyl tert-butyl ether	10.0	8.83	88	69 - 121	
Methylene Chloride	10.0	10.9	109	77 - 129	
m-Xylene & p-Xylene	10.0	9.72	97	80 - 120	
Naphthalene	10.0	6.29	63	53 - 121	
n-Butylbenzene	10.0	8.80	88	74 - 120	
N-Propylbenzene	10.0	10.1	101	79 - 123	
o-Xylene	10.0	9.71	97	80 - 120	
sec-Butylbenzene	10.0	9.36	94	77 - 120	
Styrene	10.0	9.41	94	76 - 122	
Tetrachloroethene	10.0	9.47	95	78 - 121	
Toluene	10.0	9.21	92	80 - 120	
trans-1,2-Dichloroethene	10.0	9.18	92	80 - 124	
trans-1,3-Dichloropropene	10.0	9.95	100	75 - 131	
Trichloroethene	10.0	9.58	96	80 - 121	
Trichlorofluoromethane	10.0	9.63	96	61 - 133	
Vinyl acetate	10.0	7.50	75	27 - 160	
Vinyl chloride	10.0	8.72	87	52 - 121	
Xylenes, Total	20.0	19.4	97	80 - 120	
tert-Butylbenzene	10.0	9.70	97	77 - 121	
1,2-Dibromoethane	10.0	9.91	99	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	90	80 - 120
Dibromofluoromethane (Surr)	90	79 - 120
4-Bromofluorobenzene (Surr)	85	61 - 120
1,2-Dichloroethane-d4 (Surr)	90	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207096

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	200-30727-B-1 MS	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3079.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1535			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1535				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	200-30727-B-1 MSD	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3080.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1557			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1557				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	97	93	72 - 120	4	22		
1,1,1-Trichloroethane	93	96	69 - 122	3	14		
1,1,2,2-Tetrachloroethane	97	97	61 - 130	0	18		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	104	44 - 140	3	35		
1,1-Dichloroethane	95	96	73 - 124	0	14		
1,1-Dichloroethene	97	101	67 - 124	4	24		
1,1-Dichloropropene	105	103	81 - 126	2	11		
1,2,3-Trichlorobenzene	82	83	46 - 120	1	35		
1,2,3-Trichloropropane	100	98	58 - 135	1	25		
1,2,4-Trichlorobenzene	85	85	48 - 120	0	28		
1,2,4-Trimethylbenzene	95	94	64 - 122	2	14		
1,2-Dibromo-3-Chloropropane	76	77	42 - 130	2	24		
1,2-Dichlorobenzene	95	93	67 - 118	2	15		
1,2-Dichloroethane	98	97	74 - 125	0	24		
1,2-Dichloropropane	97	97	73 - 122	1	15		
1,3-Dichlorobenzene	94	94	65 - 120	0	15		
1,3-Dichloropropane	97	97	59 - 133	0	35		
1,4-Dichlorobenzene	94	93	66 - 120	1	16		
2,2-Dichloropropane	80	82	48 - 126	2	30		
2-Butanone (MEK)	95	100	49 - 132	4	19		
2-Chloroethyl vinyl ether	56	51	10 - 150	9	30	J	J
2-Chlorotoluene	97	97	70 - 122	0	18		
2-Hexanone	95	98	49 - 142	3	27		
4-Chlorotoluene	100	97	74 - 120	3	15		
p-Isopropyltoluene	95	95	61 - 123	0	27		
4-Methyl-2-pentanone (MIBK)	96	96	58 - 136	1	32		
Acetone	100	107	32 - 126	7	28		
Benzene	94	94	73 - 121	1	13		
Bromobenzene	97	99	73 - 120	2	13		
Bromoform	84	83	45 - 121	1	19		
Bromomethane	80	84	26 - 136	4	35		
Carbon disulfide	93	91	54 - 144	2	34		
Carbon tetrachloride	95	97	65 - 129	2	20		

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207096

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	200-30727-B-1 MS	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3079.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1535			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1535				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	200-30727-B-1 MSD	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3080.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1557			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1557				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	96	95	72 - 120	1	15		
Dibromochloromethane	92	93	62 - 122	1	19		
Chloroethane	85	86	27 - 131	1	35		
Chloroform	98	98	73 - 121	1	17		
Chloromethane	71	76	39 - 134	6	20		
cis-1,2-Dichloroethene	95	94	66 - 124	0	22		
cis-1,3-Dichloropropene	94	97	60 - 120	3	21		
Dibromomethane	96	96	63 - 134	0	35		
Bromochloromethane	96	93	60 - 132	3	35		
Dichlorodifluoromethane	72	71	14 - 137	2	34		
Bromodichloromethane	92	92	72 - 120	1	19		
Ethylbenzene	98	98	68 - 121	0	16		
Hexachlorobutadiene	79	82	48 - 120	4	34		
Isopropylbenzene	100	96	61 - 122	4	20		
Methyl tert-butyl ether	89	91	61 - 121	3	12		
Methylene Chloride	105	106	70 - 124	0	14		
m-Xylene & p-Xylene	102	98	66 - 123	4	15		
Naphthalene	100	86	38 - 128	14	35		
n-Butylbenzene	95	93	54 - 126	2	33		
N-Propylbenzene	103	102	63 - 129	1	29		
o-Xylene	100	98	68 - 121	2	14		
sec-Butylbenzene	98	96	61 - 123	2	29		
Styrene	97	93	64 - 126	5	15		
Tetrachloroethene	96	100	59 - 125	2	20		
Toluene	97	96	72 - 122	1	15		
trans-1,2-Dichloroethene	99	97	72 - 125	1	25		
trans-1,3-Dichloropropene	95	99	58 - 132	4	22		
Trichloroethene	103	103	61 - 129	0	14		
Trichlorofluoromethane	91	96	49 - 133	5	25		
Vinyl acetate	75	77	26 - 189	2	15		
Vinyl chloride	80	84	44 - 122	3	35		
Xylenes, Total	101	98	67 - 122	3	14		
tert-Butylbenzene	97	97	63 - 122	0	24		

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207096

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	200-30727-B-1 MS	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3079.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1535			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1535				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	200-30727-B-1 MSD	Analysis Batch:	240-207096	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX3080.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2015 1557			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1557				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromoethane	99	97	69 - 125	2	24		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	84	84	80 - 120
Dibromofluoromethane (Surr)	81	84	79 - 120
4-Bromofluorobenzene (Surr)	80	80	61 - 120
1,2-Dichloroethane-d4 (Surr)	81	80	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207096

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	200-30727-B-1 MS	Units: ug/L	MSD Lab Sample ID:	200-30727-B-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	50		Dilution:	50	
Analysis Date:	11/17/2015 1535		Analysis Date:	11/17/2015 1557	
Prep Date:	11/17/2015 1535		Prep Date:	11/17/2015 1557	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1,2-Tetrachloroethane	14	U	500	500	486		467	
1,1,1-Trichloroethane	22	U	500	500	466		479	
1,1,2,2-Tetrachloroethane	11	U	500	500	484		485	
1,1,2-Trichloro-1,2,2-trifluoroethane	23	U	500	500	502		518	
1,1-Dichloroethane	15	U	500	500	477		479	
1,1-Dichloroethene	23	U	500	500	485		504	
1,1-Dichloropropene	21	U	500	500	526		514	
1,2,3-Trichlorobenzene	19	U	500	500	409		414	
1,2,3-Trichloropropane	22	U	500	500	498		491	
1,2,4-Trichlorobenzene	16	U	500	500	426		425	
1,2,4-Trimethylbenzene	21	U	500	500	477		470	
1,2-Dibromo-3-Chloropropane	41	U	500	500	381		387	
1,2-Dichlorobenzene	13	U	500	500	475		465	
1,2-Dichloroethane	12	U	500	500	489		487	
1,2-Dichloropropane	13	U	500	500	483		486	
1,3-Dichlorobenzene	9.5	U	500	500	468		469	
1,3-Dichloropropane	9.5	U	500	500	483		483	
1,4-Dichlorobenzene	14	U	500	500	472		465	
2,2-Dichloropropane	13	U	500	500	402		410	
2-Butanone (MEK)	27	U	1000	1000	953		997	
2-Chloroethyl vinyl ether	30	U	500	500	278	J	254	J
2-Chlorotoluene	20	U	500	500	484		485	
2-Hexanone	24	U	1000	1000	954		985	
4-Chlorotoluene	15	U	500	500	501		486	
p-Isopropyltoluene	22	U	500	500	475		477	
4-Methyl-2-pentanone (MIBK)	50	U	1000	1000	957		965	
Acetone	47	U	1000	1000	998		1070	
Benzene	18	U	500	500	471		469	
Bromobenzene	18	U	500	500	486		494	
Bromoform	28	U	500	500	419		416	
Bromomethane	22	U	500	500	402		420	
Carbon disulfide	19	U	500	500	465		455	
Carbon tetrachloride	22	U	500	500	475		485	
Chlorobenzene	13	U	500	500	482		477	
Dibromochloromethane	22	U	500	500	458		464	
Chloroethane	16	U	500	500	426		432	
Chloroform	13	U	500	500	488		492	
Chloromethane	22	U	500	500	356		379	
cis-1,2-Dichloroethene	1200		500	500	1660		1660	
cis-1,3-Dichloropropene	23	U	500	500	470		483	
Dibromomethane	21	U	500	500	479		478	
Bromochloromethane	25	U	500	500	481		467	
Dichlorodifluoromethane	16	U	500	500	360		354	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207096

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	200-30727-B-1 MS	Units: ug/L	MSD Lab Sample ID:	200-30727-B-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	50		Dilution:	50	
Analysis Date:	11/17/2015 1535		Analysis Date:	11/17/2015 1557	
Prep Date:	11/17/2015 1535		Prep Date:	11/17/2015 1557	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromodichloromethane	15	U	500	500	458	462
Ethylbenzene	13	U	500	500	489	489
Hexachlorobutadiene	18	U	500	500	395	410
Isopropylbenzene	18	U	500	500	498	479
Methyl tert-butyl ether	10	U	500	500	443	457
Methylene Chloride	52		500	500	578	579
m-Xylene & p-Xylene	12	U	500	500	509	488
Naphthalene	23	U	500	500	498	431
n-Butylbenzene	16	U	500	500	473	463
N-Propylbenzene	20	U	500	500	516	510
o-Xylene	13	U	500	500	501	492
sec-Butylbenzene	24	U	500	500	489	480
Styrene	23	U	500	500	487	464
Tetrachloroethene	660		500	500	1140	1160
Toluene	12	U	500	500	483	478
trans-1,2-Dichloroethene	15	U	500	500	493	486
trans-1,3-Dichloropropene	28	U	500	500	474	494
Trichloroethene	590		500	500	1110	1110
Trichlorofluoromethane	25	U	500	500	455	479
Vinyl acetate	21	U	500	500	376	383
Vinyl chloride	290		500	500	693	716
Xylenes, Total	26	U	1000	1000	1010	980
tert-Butylbenzene	21	U	500	500	484	485
1,2-Dibromoethane	16	U	500	500	494	485

Method Blank - Batch: 240-207343

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207343/6	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146535.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1220	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.50	U	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.38	U	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	1.1	U	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	5.7	U	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207343

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207343/6	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146535.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1220	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.35	U	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.298	J	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	87	67 - 125
Dibromofluoromethane (Surr)	91	37 - 132
4-Bromofluorobenzene (Surr)	76	52 - 136
1,2-Dichloroethane-d4 (Surr)	95	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207343

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207343/5	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146534.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1158	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	21.0	105	80 - 120	
1,1,1-Trichloroethane	20.0	22.4	112	77 - 126	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	101	80 - 138	
1,1-Dichloroethane	20.0	18.2	91	76 - 120	
1,1-Dichloroethene	20.0	17.0	85	75 - 135	
1,1-Dichloropropene	20.0	19.3	97	80 - 120	
1,2,3-Trichlorobenzene	20.0	18.7	93	61 - 121	
1,2,3-Trichloropropane	20.0	20.0	100	80 - 126	
1,2,4-Trichlorobenzene	20.0	18.7	93	64 - 124	
1,2,4-Trimethylbenzene	20.0	18.7	94	80 - 129	
1,2-Dibromo-3-Chloropropane	20.0	18.1	90	61 - 132	
1,2-Dichlorobenzene	20.0	18.0	90	76 - 120	
1,2-Dichloroethane	20.0	19.6	98	72 - 120	
1,2-Dichloropropane	20.0	16.9	84	80 - 120	
1,3-Dichlorobenzene	20.0	17.9	89	78 - 120	
1,3-Dichloropropane	20.0	17.4	87	80 - 120	
1,4-Dichlorobenzene	20.0	17.6	88	75 - 120	
2,2-Dichloropropane	20.0	22.1	111	69 - 135	
2-Butanone (MEK)	40.0	26.6	67	52 - 131	
2-Chloroethyl vinyl ether	20.0	12.5	62	28 - 173	J
2-Chlorotoluene	20.0	19.3	97	78 - 120	
2-Hexanone	40.0	30.6	76	64 - 136	
4-Chlorotoluene	20.0	19.5	97	79 - 120	
p-Isopropyltoluene	20.0	19.3	97	77 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	30.2	76	67 - 135	
Acetone	40.0	36.6	92	41 - 137	
Benzene	20.0	18.3	91	79 - 120	
Bromobenzene	20.0	19.7	99	80 - 120	
Bromoform	20.0	16.8	84	62 - 133	
Bromomethane	20.0	18.2	91	42 - 136	
Carbon disulfide	20.0	16.2	81	62 - 146	
Carbon tetrachloride	20.0	22.6	113	71 - 129	
Chlorobenzene	20.0	18.9	95	78 - 120	
Dibromochloromethane	20.0	18.3	91	72 - 127	
Chloroethane	20.0	17.0	85	58 - 120	
Chloroform	20.0	19.9	100	77 - 120	
Chloromethane	20.0	13.3	67	50 - 120	
cis-1,2-Dichloroethene	20.0	20.0	100	76 - 120	
cis-1,3-Dichloropropene	20.0	16.5	82	74 - 128	
Dibromomethane	20.0	19.1	95	80 - 120	
Bromochloromethane	20.0	20.6	103	79 - 120	
Dichlorodifluoromethane	20.0	16.4	82	26 - 120	
Bromodichloromethane	20.0	18.4	92	80 - 122	
tert-Butyl alcohol (TBA)	200	135	68	60 - 125	J
Ethylbenzene	20.0	19.3	97	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207343

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207343/5	Analysis Batch:	240-207343	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146534.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1158	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	20.0	19.5	97	54 - 131	
Isopropylbenzene	20.0	19.6	98	76 - 122	
Methyl tert-butyl ether	20.0	18.0	90	49 - 165	
Methylene Chloride	20.0	15.3	76	75 - 120	
m-Xylene & p-Xylene	20.0	18.8	94	80 - 120	
Naphthalene	20.0	16.8	84	65 - 123	
n-Butylbenzene	20.0	18.9	95	68 - 135	
N-Propylbenzene	20.0	19.0	95	80 - 129	
o-Xylene	20.0	20.1	101	80 - 120	
sec-Butylbenzene	20.0	18.6	93	74 - 129	
Styrene	20.0	18.2	91	80 - 120	
Tetrachloroethene	20.0	20.1	101	79 - 120	
Toluene	20.0	19.5	97	75 - 120	
trans-1,2-Dichloroethene	20.0	20.1	100	78 - 120	
trans-1,3-Dichloropropene	20.0	18.1	90	73 - 131	
Trichloroethene	20.0	20.3	102	79 - 120	
Trichlorofluoromethane	20.0	20.8	104	57 - 146	
Vinyl acetate	20.0	15.5	77	70 - 130	
Vinyl chloride	20.0	14.2	71	57 - 120	
Xylenes, Total	40.0	38.9	97	80 - 120	
tert-Butylbenzene	20.0	19.0	95	76 - 126	
1,2-Dibromoethane	20.0	20.0	100	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	67 - 125
Dibromofluoromethane (Surr)	97	37 - 132
4-Bromofluorobenzene (Surr)	80	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	67 - 125
Dibromofluoromethane (Surr)	90	37 - 132
4-Bromofluorobenzene (Surr)	80	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	58 - 123

Method Blank - Batch: 240-207560

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207560/6	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146568.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/19/2015 1229	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.50	U	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.38	U	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	1.1	U	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	5.7	U	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207560

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207560/6	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146568.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/19/2015 1229	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.35	U	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.348	J	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	67 - 125
Dibromofluoromethane (Surr)	98	37 - 132
4-Bromofluorobenzene (Surr)	82	52 - 136
1,2-Dichloroethane-d4 (Surr)	102	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207560

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207560/5	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146567.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/19/2015 1208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	20.0	21.2	106	80 - 120	
1,1,1-Trichloroethane	20.0	23.2	116	77 - 126	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.0	110	80 - 138	
1,1-Dichloroethane	20.0	18.9	94	76 - 120	
1,1-Dichloroethene	20.0	18.5	92	75 - 135	
1,1-Dichloropropene	20.0	21.0	105	80 - 120	
1,2,3-Trichlorobenzene	20.0	19.1	96	61 - 121	
1,2,3-Trichloropropane	20.0	18.4	92	80 - 126	
1,2,4-Trichlorobenzene	20.0	19.0	95	64 - 124	
1,2,4-Trimethylbenzene	20.0	19.3	97	80 - 129	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	61 - 132	
1,2-Dichlorobenzene	20.0	18.8	94	76 - 120	
1,2-Dichloroethane	20.0	20.7	104	72 - 120	
1,2-Dichloropropane	20.0	17.5	87	80 - 120	
1,3-Dichlorobenzene	20.0	18.4	92	78 - 120	
1,3-Dichloropropane	20.0	18.4	92	80 - 120	
1,4-Dichlorobenzene	20.0	18.1	91	75 - 120	
2,2-Dichloropropane	20.0	23.0	115	69 - 135	
2-Butanone (MEK)	40.0	30.7	77	52 - 131	
2-Chloroethyl vinyl ether	20.0	13.8	69	28 - 173	J
2-Chlorotoluene	20.0	19.4	97	78 - 120	
2-Hexanone	40.0	32.4	81	64 - 136	
4-Chlorotoluene	20.0	19.4	97	79 - 120	
p-Isopropyltoluene	20.0	19.9	99	77 - 131	
4-Methyl-2-pentanone (MIBK)	40.0	31.6	79	67 - 135	
Acetone	40.0	33.8	84	41 - 137	
Benzene	20.0	18.6	93	79 - 120	
Bromobenzene	20.0	20.2	101	80 - 120	
Bromoform	20.0	17.5	88	62 - 133	
Bromomethane	20.0	18.6	93	42 - 136	
Carbon disulfide	20.0	16.2	81	62 - 146	
Carbon tetrachloride	20.0	22.9	115	71 - 129	
Chlorobenzene	20.0	19.5	98	78 - 120	
Dibromochloromethane	20.0	18.4	92	72 - 127	
Chloroethane	20.0	18.5	92	58 - 120	
Chloroform	20.0	20.8	104	77 - 120	
Chloromethane	20.0	14.3	72	50 - 120	
cis-1,2-Dichloroethene	20.0	20.5	102	76 - 120	
cis-1,3-Dichloropropene	20.0	17.9	89	74 - 128	
Dibromomethane	20.0	21.3	107	80 - 120	
Bromochloromethane	20.0	20.9	105	79 - 120	
Dichlorodifluoromethane	20.0	15.4	77	26 - 120	
Bromodichloromethane	20.0	19.3	96	80 - 122	
tert-Butyl alcohol (TBA)	200	159	80	60 - 125	J
Ethylbenzene	20.0	20.0	100	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207560

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207560/5	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	146567.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/19/2015 1208	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	20.0	20.9	105	54 - 131	
Isopropylbenzene	20.0	20.5	102	76 - 122	
Methyl tert-butyl ether	20.0	18.8	94	49 - 165	
Methylene Chloride	20.0	15.3	76	75 - 120	
m-Xylene & p-Xylene	20.0	19.9	99	80 - 120	
Naphthalene	20.0	17.7	88	65 - 123	
n-Butylbenzene	20.0	19.4	97	68 - 135	
N-Propylbenzene	20.0	19.3	96	80 - 129	
o-Xylene	20.0	20.3	102	80 - 120	
sec-Butylbenzene	20.0	19.4	97	74 - 129	
Styrene	20.0	18.4	92	80 - 120	
Tetrachloroethene	20.0	20.7	104	79 - 120	
Toluene	20.0	19.9	100	75 - 120	
trans-1,2-Dichloroethene	20.0	20.8	104	78 - 120	
trans-1,3-Dichloropropene	20.0	19.3	97	73 - 131	
Trichloroethene	20.0	20.4	102	79 - 120	
Trichlorofluoromethane	20.0	21.9	109	57 - 146	
Vinyl acetate	20.0	17.2	86	70 - 130	
Vinyl chloride	20.0	14.8	74	57 - 120	
Xylenes, Total	40.0	40.2	101	80 - 120	
tert-Butylbenzene	20.0	19.2	96	76 - 126	
1,2-Dibromoethane	20.0	20.9	104	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	67 - 125
Dibromofluoromethane (Surr)	98	37 - 132
4-Bromofluorobenzene (Surr)	81	52 - 136
1,2-Dichloroethane-d4 (Surr)	98	58 - 123

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	67 - 125
Dibromofluoromethane (Surr)	95	37 - 132
4-Bromofluorobenzene (Surr)	83	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207613

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57921-A-4-J MS	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-207613	Lab File ID:	146590.D
Dilution:	1.0	Leach Batch:	240-206968	Initial Weight/Volume:	5.16 g
Analysis Date:	11/19/2015 2022			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				5 mL
Leach Date:	11/16/2015 1230				

MSD Lab Sample ID:	240-57921-A-4-K MSD	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-207613	Lab File ID:	146591.D
Dilution:	1.0	Leach Batch:	240-206968	Initial Weight/Volume:	5.24 g
Analysis Date:	11/19/2015 2043			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				5 mL
Leach Date:	11/16/2015 1230				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	99	101	51 - 128	1	30		
1,1,2,2-Tetrachloroethane	0	0	16 - 179	NC	30	U F1	U F1
1,1,2-Trichloro-1,2,2-trifluoroethane	104	87	50 - 147	19	30		
1,1-Dichloroethane	80	82	54 - 122	0	30		
1,1-Dichloroethene	122	114	49 - 157	8	30		
1,2,4-Trichlorobenzene	47	55	10 - 120	13	30		
1,2-Dibromo-3-Chloropropane	33	29	10 - 153	14	30	J	J
1,2-Dichlorobenzene	57	66	17 - 122	13	30		
1,2-Dichloroethane	90	90	49 - 123	2	30		
1,2-Dichloropropane	75	79	61 - 120	4	30		
1,3-Dichlorobenzene	52	64	16 - 126	19	30		
1,4-Dichlorobenzene	51	59	15 - 121	13	30		
2-Butanone (MEK)	72	64	30 - 143	12	30		
2-Hexanone	71	67	37 - 147	6	30		
4-Methyl-2-pentanone (MIBK)	69	68	43 - 147	3	30		
Acetone	110	94	24 - 140	9	30		
Benzene	79	83	53 - 120	3	30		
Bromoform	69	68	18 - 129	4	30		
Bromomethane	61	59	33 - 130	6	30		
Carbon disulfide	64	67	20 - 151	2	30		
Carbon tetrachloride	96	100	32 - 137	2	30		
Chlorobenzene	69	75	37 - 120	6	30		
Dibromochloromethane	71	68	29 - 135	6	30		
Chloroethane	78	84	45 - 120	5	30		
Chloroform	90	93	53 - 120	2	30		
Chloromethane	60	61	34 - 120	0	30		
cis-1,2-Dichloroethene	85	88	50 - 120	2	30		
cis-1,3-Dichloropropene	49	47	27 - 133	5	30		
Dichlorodifluoromethane	68	69	17 - 120	1	30		
Bromodichloromethane	70	68	35 - 132	4	30		
Ethylbenzene	69	77	30 - 131	9	30		
Isopropylbenzene	66	77	21 - 134	14	30		
Methyl tert-butyl ether	86	86	51 - 157	2	30		

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207613

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57921-A-4-J MS	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-207613	Lab File ID:	146590.D
Dilution:	1.0	Leach Batch:	240-206968	Initial Weight/Volume:	5.16 g
Analysis Date:	11/19/2015 2022			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				5 mL
Leach Date:	11/16/2015 1230				

MSD Lab Sample ID:	240-57921-A-4-K MSD	Analysis Batch:	240-207560	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-207613	Lab File ID:	146591.D
Dilution:	1.0	Leach Batch:	240-206968	Initial Weight/Volume:	5.24 g
Analysis Date:	11/19/2015 2043			Final Weight/Volume:	5 mL
Prep Date:	11/19/2015 1300				5 mL
Leach Date:	11/16/2015 1230				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	80	87	54 - 120	7	30		
m-Xylene & p-Xylene	67	75	29 - 131	9	30		
o-Xylene	71	79	29 - 134	9	30		
Styrene	63	67	27 - 127	5	30		
Tetrachloroethene	76	84	31 - 135	9	30		
Toluene	76	82	39 - 129	5	30		
trans-1,2-Dichloroethene	85	88	50 - 123	2	30		
trans-1,3-Dichloropropene	61	57	28 - 137	8	30		
Trichloroethene	156	163	10 - 177	3	30		
Trichlorofluoromethane	93	98	36 - 142	4	30		
Vinyl chloride	67	69	42 - 120	1	30		
Xylenes, Total	69	77	30 - 131	9	30		
1,2-Dibromoethane	85	83	45 - 127	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	90	90	67 - 125
Dibromofluoromethane (Surr)	52	49	37 - 132
4-Bromofluorobenzene (Surr)	83	84	52 - 136
1,2-Dichloroethane-d4 (Surr)	93	93	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207613

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57921-A-4-J MS	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/19/2015 2022		
Prep Date:	11/19/2015 1300		
Leach Date:	11/16/2015 1230		

MSD Lab Sample ID:	240-57921-A-4-K MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/19/2015 2043
Prep Date:	11/19/2015 1300
Leach Date:	11/16/2015 1230

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	0.65	U	20.2	19.9	20.0		20.2	
1,1,2,2-Tetrachloroethane	0.31	U	20.2	19.9	0.31	U F1	0.31	U F1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	20.2	19.9	21.1		17.4	
1,1-Dichloroethane	0.34	U	20.2	19.9	16.3		16.3	
1,1-Dichloroethene	0.79	U	20.2	19.9	24.7		22.7	
1,2,4-Trichlorobenzene	0.38	U	20.2	19.9	9.56		10.9	
1,2-Dibromo-3-Chloropropane	2.7	U	20.2	19.9	6.61	J	5.77	J
1,2-Dichlorobenzene	0.34	U	20.2	19.9	11.6		13.2	
1,2-Dichloroethane	0.46	U	20.2	19.9	18.3		17.9	
1,2-Dichloropropane	0.14	U	20.2	19.9	15.3		15.8	
1,3-Dichlorobenzene	0.69	U	20.2	19.9	10.5		12.7	
1,4-Dichlorobenzene	0.28	U	20.2	19.9	10.3		11.8	
2-Butanone (MEK)	2.9	J	40.5	39.9	32.2		28.6	
2-Hexanone	1.3	J	40.5	39.9	29.9		28.2	
4-Methyl-2-pentanone (MIBK)	1.2	U	40.5	39.9	28.0		27.1	
Acetone	34		40.5	39.9	78.3		71.4	
Benzene	0.89	U	20.2	19.9	16.0		16.5	
Bromoform	0.24	U	20.2	19.9	14.0		13.5	
Bromomethane	0.42	U	20.2	19.9	12.4		11.7	
Carbon disulfide	2.2	J	20.2	19.9	15.1		15.5	
Carbon tetrachloride	0.65	U	20.2	19.9	19.5		20.0	
Chlorobenzene	0.53	U	20.2	19.9	14.1		14.9	
Dibromochloromethane	0.37	U	20.2	19.9	14.4		13.5	
Chloroethane	0.44	U	20.2	19.9	15.8		16.7	
Chloroform	0.36	U	20.2	19.9	18.3		18.6	
Chloromethane	0.78	U	20.2	19.9	12.2		12.1	
cis-1,2-Dichloroethene	0.28	U	20.2	19.9	17.3		17.6	
cis-1,3-Dichloropropene	0.71	U	20.2	19.9	9.86		9.38	
Dichlorodifluoromethane	0.28	U	20.2	19.9	13.8		13.7	
Bromodichloromethane	0.29	U	20.2	19.9	14.2		13.6	
Ethylbenzene	0.32	U	20.2	19.9	14.0		15.4	
Isopropylbenzene	0.20	U	20.2	19.9	13.3		15.4	
Methyl tert-butyl ether	0.43	U	20.2	19.9	17.4		17.2	
Methylene Chloride	0.73	U	20.2	19.9	16.2		17.4	
m-Xylene & p-Xylene	0.42	U	20.2	19.9	13.6		14.9	
o-Xylene	0.57	U	20.2	19.9	14.4		15.7	
Styrene	0.40	U	20.2	19.9	12.7		13.4	
Tetrachloroethene	0.79	U	20.2	19.9	15.3		16.8	
Toluene	0.40	J	20.2	19.9	15.9		16.7	
trans-1,2-Dichloroethene	0.32	U	20.2	19.9	17.3		17.6	
trans-1,3-Dichloropropene	0.29	U	20.2	19.9	12.3		11.4	
Trichloroethene	0.38	U	20.2	19.9	31.6		32.5	
Trichlorofluoromethane	0.29	U	20.2	19.9	18.7		19.5	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207613

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57921-A-4-J MS	Units: ug/Kg	MSD Lab Sample ID:	240-57921-A-4-K MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/19/2015 2022		Analysis Date:	11/19/2015 2043	
Prep Date:	11/19/2015 1300		Prep Date:	11/19/2015 1300	
Leach Date:	11/16/2015 1230		Leach Date:	11/16/2015 1230	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Vinyl chloride	0.30	U	20.2	19.9	13.6	13.7
Xylenes, Total	0.54	U	40.5	39.9	28.0	30.6
1,2-Dibromoethane	0.53	U	20.2	19.9	17.1	16.6

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207709

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57972-C-3-C MS	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-207709	Lab File ID:	UX80889.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.28 g
Analysis Date:	11/20/2015 0841			Final Weight/Volume:	5 mL
Prep Date:	11/20/2015 0452				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57972-C-3-D MSD	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-207709	Lab File ID:	UX80890.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.04 g
Analysis Date:	11/20/2015 0902			Final Weight/Volume:	5 mL
Prep Date:	11/20/2015 0452				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	69	82	24 - 140	21	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	101	101	67 - 125
Dibromofluoromethane (Surr)	101	98	37 - 132
4-Bromofluorobenzene (Surr)	98	100	52 - 136
1,2-Dichloroethane-d4 (Surr)	94	95	58 - 123

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207709

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-57972-C-3-C MS	Units: ug/Kg	MSD Lab Sample ID: 240-57972-C-3-D MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	11/20/2015 0841		Analysis Date: 11/20/2015 0902
Prep Date:	11/20/2015 0452		Prep Date: 11/20/2015 0452
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acetone	6.4	U	54.2	56.7	37.4	46.4

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207720

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207720/8	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX80879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/20/2015 0508	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.50	U	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.38	U	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	1.1	U	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	6.42	J	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207720

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-207720/8	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX80879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/20/2015 0508	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.35	U	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.27	U	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	120	67 - 125
Dibromofluoromethane (Surr)	117	37 - 132
4-Bromofluorobenzene (Surr)	114	52 - 136
1,2-Dichloroethane-d4 (Surr)	114	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207720

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207720/6	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX80877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/20/2015 0426	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	49.7	99	80 - 120	
1,1,1-Trichloroethane	50.0	49.6	99	77 - 126	
1,1,2,2-Tetrachloroethane	50.0	49.8	100	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.8	104	80 - 138	
1,1-Dichloroethane	50.0	48.9	98	76 - 120	
1,1-Dichloroethene	50.0	48.3	97	75 - 135	
1,1-Dichloropropene	50.0	52.2	104	80 - 120	
1,2,3-Trichlorobenzene	50.0	45.0	90	61 - 121	
1,2,3-Trichloropropane	50.0	52.8	106	80 - 126	
1,2,4-Trichlorobenzene	50.0	46.3	93	64 - 124	
1,2,4-Trimethylbenzene	50.0	49.4	99	80 - 129	
1,2-Dibromo-3-Chloropropane	50.0	48.6	97	61 - 132	
1,2-Dichlorobenzene	50.0	46.6	93	76 - 120	
1,2-Dichloroethane	50.0	49.9	100	72 - 120	
1,2-Dichloropropane	50.0	47.1	94	80 - 120	
1,3-Dichlorobenzene	50.0	45.9	92	78 - 120	
1,3-Dichloropropane	50.0	46.0	92	80 - 120	
1,4-Dichlorobenzene	50.0	45.5	91	75 - 120	
2,2-Dichloropropane	50.0	44.2	88	69 - 135	
2-Butanone (MEK)	100	98.6	99	52 - 131	
2-Chloroethyl vinyl ether	50.0	NC	NaN	28 - 173	
2-Chlorotoluene	50.0	48.0	96	78 - 120	
2-Hexanone	100	102	102	64 - 136	
4-Chlorotoluene	50.0	45.9	92	79 - 120	
p-Isopropyltoluene	50.0	50.3	101	77 - 131	
4-Methyl-2-pentanone (MIBK)	100	107	107	67 - 135	
Acetone	100	111	111	41 - 137	
Benzene	50.0	46.8	94	79 - 120	
Bromobenzene	50.0	46.6	93	80 - 120	
Bromoform	50.0	49.8	100	62 - 133	
Bromomethane	50.0	56.1	112	42 - 136	
Carbon disulfide	50.0	50.4	101	62 - 146	
Carbon tetrachloride	50.0	53.3	107	71 - 129	
Chlorobenzene	50.0	45.5	91	78 - 120	
Dibromochloromethane	50.0	52.7	105	72 - 127	
Chloroethane	50.0	49.4	99	58 - 120	
Chloroform	50.0	49.5	99	77 - 120	
Chloromethane	50.0	50.8	102	50 - 120	
cis-1,2-Dichloroethene	50.0	48.3	97	76 - 120	
cis-1,3-Dichloropropene	50.0	48.3	97	74 - 128	
Dibromomethane	50.0	49.9	100	80 - 120	
Bromochloromethane	50.0	49.5	99	79 - 120	
Dichlorodifluoromethane	50.0	52.4	105	26 - 120	
Bromodichloromethane	50.0	50.4	101	80 - 122	
tert-Butyl alcohol (TBA)	500	440	88	60 - 125	
Ethylbenzene	50.0	45.5	91	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-207720

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-207720/6	Analysis Batch:	240-207720	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX80877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/20/2015 0426	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	50.0	48.6	97	54 - 131	
Isopropylbenzene	50.0	50.1	100	76 - 122	
Methyl tert-butyl ether	50.0	47.8	96	49 - 165	
Methylene Chloride	50.0	52.3	105	75 - 120	
m-Xylene & p-Xylene	50.0	46.2	92	80 - 120	
Naphthalene	50.0	52.0	104	65 - 123	
n-Butylbenzene	50.0	50.0	100	68 - 135	
N-Propylbenzene	50.0	48.6	97	80 - 129	
o-Xylene	50.0	47.8	96	80 - 120	
sec-Butylbenzene	50.0	51.0	102	74 - 129	
Styrene	50.0	45.9	92	80 - 120	
Tetrachloroethene	50.0	45.4	91	79 - 120	
Toluene	50.0	45.5	91	75 - 120	
trans-1,2-Dichloroethene	50.0	48.7	97	78 - 120	
trans-1,3-Dichloropropene	50.0	42.9	86	73 - 131	
Trichloroethene	50.0	48.9	98	79 - 120	
Trichlorofluoromethane	50.0	50.8	102	57 - 146	
Vinyl acetate	50.0	39.2	78	70 - 130	
Vinyl chloride	50.0	49.9	100	57 - 120	
Xylenes, Total	100	94.0	94	80 - 120	
tert-Butylbenzene	50.0	55.3	111	76 - 126	
1,2-Dibromoethane	50.0	48.6	97	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	104	67 - 125
Dibromofluoromethane (Surr)	105	37 - 132
4-Bromofluorobenzene (Surr)	96	52 - 136
1,2-Dichloroethane-d4 (Surr)	100	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206887

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-206887/23-A	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206887	Lab File ID:	51119007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 1150	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	3.5	U	3.5	50
bis (2-chloroisopropyl) ether	9.5	U	9.5	100
2,4,5-Trichlorophenol	25	U	25	150
2,4,6-Trichlorophenol	8.9	U	8.9	150
2,4-Dichlorophenol	20	U	20	150
2,4-Dimethylphenol	20	U	20	150
2,4-Dinitrophenol	21	U	21	330
2,4-Dinitrotoluene	17	U	17	200
2,6-Dinitrotoluene	21	U	21	200
2-Chloronaphthalene	0.45	U	0.45	50
2-Chlorophenol	8.2	U	8.2	50
2-Methylnaphthalene	0.50	U	0.50	6.7
2-Methylphenol	11	U	11	200
2-Nitroaniline	9.1	U	9.1	200
2-Nitrophenol	8.3	U	8.3	50
3,3'-Dichlorobenzidine	18	U	18	100
3-Nitroaniline	16	U	16	200
4,6-Dinitro-2-methylphenol	9.2	U	9.2	150
4-Bromophenyl phenyl ether	13	U	13	50
4-Chloro-3-methylphenol	21	U	21	150
4-Chloroaniline	17	U	17	150
4-Chlorophenyl phenyl ether	13	U	13	50
4-Nitroaniline	26	U	26	200
4-Nitrophenol	17	U	17	330
Acenaphthene	0.76	U	0.76	6.7
Acenaphthylene	0.35	U	0.35	6.7
Acetophenone	9.2	U	9.2	100
Anthracene	0.78	U	0.78	6.7
Atrazine	9.1	U	9.1	200
Benzaldehyde	12	U	12	100
Benzo[a]anthracene	0.63	U	0.63	6.7
Benzo[a]pyrene	0.64	U	0.64	6.7
Benzo[b]fluoranthene	0.59	U	0.59	6.7
Benzo[g,h,i]perylene	0.35	U	0.35	6.7
Benzo[k]fluoranthene	0.68	U	0.68	6.7
Bis(2-chloroethoxy)methane	22	U	22	100
Bis(2-chloroethyl)ether	2.0	U	2.0	100
Bis(2-ethylhexyl) phthalate	34.7	J	19	70
Butyl benzyl phthalate	10	U	10	70
Caprolactam	37	U	37	330
Carbazole	27	U	27	50
Chrysene	1.1	U	1.1	6.7
Dibenz(a,h)anthracene	0.66	U	0.66	6.7
Dibenzofuran	0.66	U	0.66	50
Diethyl phthalate	16	U	16	70

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206887

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-206887/23-A	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206887	Lab File ID:	51119007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 1150	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dimethyl phthalate	17	U	17	70
Di-n-butyl phthalate	15	U	15	70
Di-n-octyl phthalate	7.9	U	7.9	70
Fluoranthene	0.55	U	0.55	6.7
Fluorene	0.53	U	0.53	6.7
Hexachlorobenzene	2.1	U	2.1	6.7
Hexachlorobutadiene	5.6	U	5.6	50
Hexachlorocyclopentadiene	8.1	U	8.1	330
Hexachloroethane	9.0	U	9.0	50
Indeno[1,2,3-cd]pyrene	0.35	U	0.35	6.7
Isophorone	13	U	13	50
N-Nitrosodi-n-propylamine	6.3	U	6.3	50
N-Nitrosodiphenylamine	21	U	21	50
Naphthalene	0.82	U	0.82	6.7
Nitrobenzene	2.2	U	2.2	100
Pentachlorophenol	9.1	U	9.1	150
Phenanthrene	0.73	U	0.73	6.7
Phenol	7.3	U	7.3	50
Pyrene	0.44	U	0.44	6.7
3 & 4 Methylphenol	20	U	20	400

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	77	36 - 110
Phenol-d5 (Surr)	72	26 - 110
Nitrobenzene-d5 (Surr)	67	20 - 110
2-Fluorophenol (Surr)	65	24 - 110
2-Fluorobiphenyl (Surr)	74	24 - 110
2,4,6-Tribromophenol (Surr)	43	10 - 110

Lab Control Sample - Batch: 240-206887

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-206887/24-A	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206887	Lab File ID:	51119008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 1213	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	667	486	73	35 - 110	
bis (2-chloroisopropyl) ether	667	490	73	29 - 110	
2,4,5-Trichlorophenol	667	484	73	25 - 110	
2,4,6-Trichlorophenol	667	468	70	12 - 110	
2,4-Dichlorophenol	667	499	75	39 - 110	
2,4-Dimethylphenol	667	428	64	29 - 110	
2,4-Dinitrophenol	1330	583	44	10 - 110	
2,4-Dinitrotoluene	667	537	81	48 - 110	
2,6-Dinitrotoluene	667	539	81	45 - 110	
2-Chloronaphthalene	667	491	74	32 - 110	
2-Chlorophenol	667	509	76	37 - 110	
2-Methylnaphthalene	667	503	75	36 - 110	
2-Methylphenol	667	500	75	41 - 110	
2-Nitroaniline	667	507	76	45 - 110	
2-Nitrophenol	667	509	76	34 - 110	
3,3'-Dichlorobenzidine	1330	770	58	28 - 110	
3-Nitroaniline	667	450	68	44 - 110	
4,6-Dinitro-2-methylphenol	1330	727	55	10 - 110	
4-Bromophenyl phenyl ether	667	539	81	39 - 110	
4-Chloro-3-methylphenol	667	518	78	48 - 110	
4-Chloroaniline	667	358	54	30 - 110	
4-Chlorophenyl phenyl ether	667	513	77	40 - 110	
4-Nitroaniline	667	534	80	48 - 110	
4-Nitrophenol	1330	929	70	28 - 110	
Acenaphthene	667	487	73	38 - 110	
Acenaphthylene	667	498	75	40 - 110	
Acetophenone	667	491	74	40 - 110	
Anthracene	667	510	77	48 - 110	
Atrazine	1330	1060	79	54 - 120	
Benzaldehyde	1330	1010	76	32 - 110	
Benzo[a]anthracene	667	517	78	50 - 110	
Benzo[a]pyrene	667	509	76	44 - 110	
Benzo[b]fluoranthene	667	509	76	43 - 110	
Benzo[g,h,i]perylene	667	518	78	51 - 110	
Benzo[k]fluoranthene	667	530	79	38 - 105	
Bis(2-chloroethoxy)methane	667	526	79	32 - 110	
Bis(2-chloroethyl)ether	667	515	77	34 - 110	
Bis(2-ethylhexyl) phthalate	667	607	91	50 - 110	
Butyl benzyl phthalate	667	545	82	51 - 110	
Caprolactam	1330	1100	82	44 - 114	
Carbazole	667	530	80	50 - 110	
Chrysene	667	538	81	50 - 110	
Dibenz(a,h)anthracene	667	504	76	51 - 110	
Dibenzofuran	667	499	75	43 - 110	
Diethyl phthalate	667	544	82	52 - 110	
Dimethyl phthalate	667	523	79	50 - 110	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-206887

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-206887/24-A	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206887	Lab File ID:	51119008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 1213	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0848			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	667	549	82	51 - 110	
Di-n-octyl phthalate	667	515	77	48 - 110	
Fluoranthene	667	528	79	51 - 110	
Fluorene	667	491	74	46 - 110	
Hexachlorobenzene	667	518	78	43 - 110	
Hexachlorobutadiene	667	490	73	29 - 110	
Hexachlorocyclopentadiene	667	320	48	12 - 110	J
Hexachloroethane	667	473	71	30 - 110	
Indeno[1,2,3-cd]pyrene	667	515	77	50 - 110	
Isophorone	667	527	79	36 - 110	
N-Nitrosodi-n-propylamine	667	513	77	38 - 110	
N-Nitrosodiphenylamine	1330	1030	77	46 - 110	
Naphthalene	667	505	76	36 - 110	
Nitrobenzene	667	508	76	32 - 110	
Pentachlorophenol	1330	665	50	10 - 110	
Phenanthrene	667	516	77	49 - 110	
Phenol	667	509	76	38 - 110	
Pyrene	667	507	76	49 - 110	
3 & 4 Methylphenol	667	501	75	40 - 110	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	78	36 - 110
Phenol-d5 (Surr)	80	26 - 110
Nitrobenzene-d5 (Surr)	73	20 - 110
2-Fluorophenol (Surr)	80	24 - 110
2-Fluorobiphenyl (Surr)	77	24 - 110
2,4,6-Tribromophenol (Surr)	69	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206908

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-206908/21-A	Analysis Batch:	240-207287	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51118003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/18/2015 0851	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	3.5	U	3.5	50
bis (2-chloroisopropyl) ether	9.5	U	9.5	100
2,4,5-Trichlorophenol	25	U	25	150
2,4,6-Trichlorophenol	8.9	U	8.9	150
2,4-Dichlorophenol	20	U	20	150
2,4-Dimethylphenol	20	U	20	150
2,4-Dinitrophenol	21	U	21	330
2,4-Dinitrotoluene	17	U	17	200
2,6-Dinitrotoluene	21	U	21	200
2-Chloronaphthalene	0.45	U	0.45	50
2-Chlorophenol	8.2	U	8.2	50
2-Methylnaphthalene	0.50	U	0.50	6.7
2-Methylphenol	11	U	11	200
2-Nitroaniline	9.1	U	9.1	200
2-Nitrophenol	8.3	U	8.3	50
3,3'-Dichlorobenzidine	18	U	18	100
3-Nitroaniline	16	U	16	200
4,6-Dinitro-2-methylphenol	9.2	U	9.2	150
4-Bromophenyl phenyl ether	13	U	13	50
4-Chloro-3-methylphenol	21	U	21	150
4-Chloroaniline	17	U	17	150
4-Chlorophenyl phenyl ether	13	U	13	50
4-Nitroaniline	26	U	26	200
4-Nitrophenol	17	U	17	330
Acenaphthene	0.76	U	0.76	6.7
Acenaphthylene	0.35	U	0.35	6.7
Acetophenone	9.2	U	9.2	100
Anthracene	0.78	U	0.78	6.7
Atrazine	9.1	U	9.1	200
Benzaldehyde	12	U	12	100
Benzo[a]anthracene	0.63	U	0.63	6.7
Benzo[a]pyrene	0.64	U	0.64	6.7
Benzo[b]fluoranthene	0.59	U	0.59	6.7
Benzo[g,h,i]perylene	0.35	U	0.35	6.7
Benzo[k]fluoranthene	0.68	U	0.68	6.7
Bis(2-chloroethoxy)methane	22	U	22	100
Bis(2-chloroethyl)ether	2.0	U	2.0	100
Bis(2-ethylhexyl) phthalate	61.2	J	19	70
Butyl benzyl phthalate	10	U	10	70
Caprolactam	37	U	37	330
Carbazole	27	U	27	50
Chrysene	1.1	U	1.1	6.7
Dibenz(a,h)anthracene	0.66	U	0.66	6.7
Dibenzofuran	0.66	U	0.66	50
Diethyl phthalate	16	U	16	70

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206908

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-206908/21-A	Analysis Batch:	240-207287	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51118003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/18/2015 0851	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dimethyl phthalate	17	U	17	70
Di-n-butyl phthalate	15	U	15	70
Di-n-octyl phthalate	7.9	U	7.9	70
Fluoranthene	0.55	U	0.55	6.7
Fluorene	0.53	U	0.53	6.7
Hexachlorobenzene	2.1	U	2.1	6.7
Hexachlorobutadiene	5.6	U	5.6	50
Hexachlorocyclopentadiene	8.1	U	8.1	330
Hexachloroethane	9.0	U	9.0	50
Indeno[1,2,3-cd]pyrene	0.35	U	0.35	6.7
Isophorone	13	U	13	50
N-Nitrosodi-n-propylamine	6.3	U	6.3	50
N-Nitrosodiphenylamine	21	U	21	50
Naphthalene	0.82	U	0.82	6.7
Nitrobenzene	2.2	U	2.2	100
Pentachlorophenol	9.1	U	9.1	150
Phenanthrene	0.73	U	0.73	6.7
Phenol	7.3	U	7.3	50
Pyrene	0.44	U	0.44	6.7
3 & 4 Methylphenol	20	U	20	400

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	74	36 - 110
Phenol-d5 (Surr)	73	26 - 110
Nitrobenzene-d5 (Surr)	67	20 - 110
2-Fluorophenol (Surr)	70	24 - 110
2-Fluorobiphenyl (Surr)	70	24 - 110
2,4,6-Tribromophenol (Surr)	30	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-206908

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-206908/22-A	Analysis Batch:	240-207287	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51118004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/18/2015 0915	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	667	442	66	35 - 110	
bis (2-chloroisopropyl) ether	667	446	67	29 - 110	
2,4,5-Trichlorophenol	667	387	58	25 - 110	
2,4,6-Trichlorophenol	667	286	43	12 - 110	
2,4-Dichlorophenol	667	461	69	39 - 110	
2,4-Dimethylphenol	667	467	70	29 - 110	
2,4-Dinitrophenol	1330	611	46	10 - 110	
2,4-Dinitrotoluene	667	488	73	48 - 110	
2,6-Dinitrotoluene	667	480	72	45 - 110	
2-Chloronaphthalene	667	463	69	32 - 110	
2-Chlorophenol	667	445	67	37 - 110	
2-Methylnaphthalene	667	458	69	36 - 110	
2-Methylphenol	667	453	68	41 - 110	
2-Nitroaniline	667	485	73	45 - 110	
2-Nitrophenol	667	461	69	34 - 110	
3,3'-Dichlorobenzidine	1330	732	55	28 - 110	
3-Nitroaniline	667	432	65	44 - 110	
4,6-Dinitro-2-methylphenol	1330	779	58	10 - 110	
4-Bromophenyl phenyl ether	667	488	73	39 - 110	
4-Chloro-3-methylphenol	667	474	71	48 - 110	
4-Chloroaniline	667	349	52	30 - 110	
4-Chlorophenyl phenyl ether	667	467	70	40 - 110	
4-Nitroaniline	667	503	75	48 - 110	
4-Nitrophenol	1330	881	66	28 - 110	
Acenaphthene	667	464	70	38 - 110	
Acenaphthylene	667	462	69	40 - 110	
Acetophenone	667	438	66	40 - 110	
Anthracene	667	471	71	48 - 110	
Atrazine	1330	971	73	54 - 120	
Benzaldehyde	1330	909	68	32 - 110	
Benzo[a]anthracene	667	466	70	50 - 110	
Benzo[a]pyrene	667	466	70	44 - 110	
Benzo[b]fluoranthene	667	452	68	43 - 110	
Benzo[g,h,i]perylene	667	476	71	51 - 110	
Benzo[k]fluoranthene	667	469	70	38 - 105	
Bis(2-chloroethoxy)methane	667	486	73	32 - 110	
Bis(2-chloroethyl)ether	667	453	68	34 - 110	
Bis(2-ethylhexyl) phthalate	667	704	106	50 - 110	
Butyl benzyl phthalate	667	489	73	51 - 110	
Caprolactam	1330	1050	79	44 - 114	
Carbazole	667	488	73	50 - 110	
Chrysene	667	495	74	50 - 110	
Dibenz(a,h)anthracene	667	469	70	51 - 110	
Dibenzofuran	667	464	70	43 - 110	
Diethyl phthalate	667	490	73	52 - 110	
Dimethyl phthalate	667	479	72	50 - 110	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Control Sample - Batch: 240-206908

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-206908/22-A	Analysis Batch:	240-207287	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51118004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/18/2015 0915	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	667	489	73	51 - 110	
Di-n-octyl phthalate	667	445	67	48 - 110	
Fluoranthene	667	473	71	51 - 110	
Fluorene	667	454	68	46 - 110	
Hexachlorobenzene	667	477	72	43 - 110	
Hexachlorobutadiene	667	447	67	29 - 110	
Hexachlorocyclopentadiene	667	397	60	12 - 110	
Hexachloroethane	667	418	63	30 - 110	
Indeno[1,2,3-cd]pyrene	667	477	72	50 - 110	
Isophorone	667	478	72	36 - 110	
N-Nitrosodi-n-propylamine	667	451	68	38 - 110	
N-Nitrosodiphenylamine	1330	946	71	46 - 110	
Naphthalene	667	462	69	36 - 110	
Nitrobenzene	667	467	70	32 - 110	
Pentachlorophenol	1330	669	50	10 - 110	
Phenanthrene	667	471	71	49 - 110	
Phenol	667	456	68	38 - 110	
Pyrene	667	475	71	49 - 110	
3 & 4 Methylphenol	667	448	67	40 - 110	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	71	36 - 110
Phenol-d5 (Surr)	71	26 - 110
Nitrobenzene-d5 (Surr)	70	20 - 110
2-Fluorophenol (Surr)	70	24 - 110
2-Fluorobiphenyl (Surr)	70	24 - 110
2,4,6-Tribromophenol (Surr)	42	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206908

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57930-5	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51119015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	11/19/2015 1500			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57930-5	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51119016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.87 g
Analysis Date:	11/19/2015 1524			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	70	67	32 - 110	3	32		
bis (2-chloroisopropyl) ether	71	68	11 - 110	5	42		
2,4,5-Trichlorophenol	70	70	10 - 117	0	99		
2,4,6-Trichlorophenol	69	64	10 - 110	7	38		
2,4-Dichlorophenol	72	72	10 - 110	0	34		
2,4-Dimethylphenol	71	68	10 - 110	4	31		
2,4-Dinitrophenol	48	47	10 - 110	1	99		
2,4-Dinitrotoluene	74	75	32 - 110	2	30		
2,6-Dinitrotoluene	72	72	35 - 110	0	30		
2-Chloronaphthalene	70	69	28 - 110	0	30		
2-Chlorophenol	75	69	10 - 110	7	47		
2-Methylnaphthalene	72	72	10 - 133	1	42		
2-Methylphenol	75	70	24 - 110	6	51		
2-Nitroaniline	71	72	39 - 110	2	31		
2-Nitrophenol	70	70	10 - 110	0	49		
3,3'-Dichlorobenzidine	54	57	10 - 110	5	56		
3-Nitroaniline	63	61	10 - 110	2	30		
4,6-Dinitro-2-methylphenol	54	55	10 - 110	2	55		
4-Bromophenyl phenyl ether	76	75	33 - 110	1	30		
4-Chloro-3-methylphenol	76	73	25 - 110	3	54		
4-Chloroaniline	51	53	10 - 110	4	36		
4-Chlorophenyl phenyl ether	72	72	32 - 110	1	30		
4-Nitroaniline	65	66	10 - 110	3	48		
4-Nitrophenol	65	64	10 - 113	1	49		
Acenaphthene	71	69	22 - 110	3	99		
Acenaphthylene	71	70	24 - 110	2	99		
Acetophenone	71	68	31 - 110	4	43		
Anthracene	70	71	20 - 110	2	99		
Atrazine	73	75	45 - 118	4	30		
Benzaldehyde	74	69	23 - 110	5	42		
Benzo[a]anthracene	72	73	10 - 122	2	99		
Benzo[a]pyrene	72	74	10 - 110	4	99		
Benzo[b]fluoranthene	71	73	12 - 118	3	99		

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206908

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57930-5	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51119015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	11/19/2015 1500			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-57930-5	Analysis Batch:	240-207541	Instrument ID:	A4HP10
Client Matrix:	Solid	Prep Batch:	240-206908	Lab File ID:	51119016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.87 g
Analysis Date:	11/19/2015 1524			Final Weight/Volume:	2 mL
Prep Date:	11/16/2015 0920			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[g,h,i]perylene	71	72	10 - 117	2	99		
Benzo[k]fluoranthene	73	76	10 - 121	4	99		
Bis(2-chloroethoxy)methane	77	75	26 - 110	2	37		
Bis(2-chloroethyl)ether	75	71	21 - 110	5	55		
Bis(2-ethylhexyl) phthalate	75	76	40 - 110	2	30		
Butyl benzyl phthalate	77	78	44 - 110	3	30		
Caprolactam	83	83	10 - 134	1	32		
Carbazole	68	69	34 - 110	1	30		
Chrysene	75	77	10 - 125	4	99		
Dibenz(a,h)anthracene	72	73	14 - 113	2	99		
Dibenzofuran	71	70	29 - 110	2	30		
Diethyl phthalate	75	75	42 - 110	0	30		
Dimethyl phthalate	73	73	41 - 110	0	30		
Di-n-butyl phthalate	74	75	43 - 110	1	30		
Di-n-octyl phthalate	73	75	24 - 119	4	30		
Fluoranthene	73	73	10 - 110	1	99		
Fluorene	70	69	23 - 110	1	99		
Hexachlorobenzene	70	71	34 - 110	2	30		
Hexachlorobutadiene	69	69	25 - 110	1	34		
Hexachlorocyclopentadiene	40	30	10 - 110	28	79	J	J
Hexachloroethane	66	61	12 - 110	7	50		
Indeno[1,2,3-cd]pyrene	71	73	10 - 114	4	99		
Isophorone	76	74	29 - 110	2	38		
N-Nitrosodi-n-propylamine	72	68	26 - 110	5	42		
N-Nitrosodiphenylamine	72	71	22 - 110	1	30		
Naphthalene	72	71	10 - 111	1	99		
Nitrobenzene	73	71	23 - 110	2	41		
Pentachlorophenol	55	50	10 - 110	8	50		
Phenanthrene	71	72	10 - 166	1	99		
Phenol	74	70	17 - 110	5	53		
Pyrene	74	74	10 - 147	1	99		
3 & 4 Methylphenol	74	69	25 - 110	6	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Terphenyl-d14 (Surr)	76	75	36 - 110
Phenol-d5 (Surr)	78	74	26 - 110
Nitrobenzene-d5 (Surr)	73	71	20 - 110
2-Fluorophenol (Surr)	78	73	24 - 110
2-Fluorobiphenyl (Surr)	74	72	24 - 110
2,4,6-Tribromophenol (Surr)	72	64	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206908

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57930-5	Units: ug/Kg		MSD Lab Sample ID:	240-57930-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/19/2015 1500			Analysis Date:	11/19/2015 1524
Prep Date:	11/16/2015 0920			Prep Date:	11/16/2015 0920
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1'-Biphenyl	4.1	U	786	791	547	534
bis (2-chloroisopropyl) ether	11	U	786	791	561	534
2,4,5-Trichlorophenol	29	U	786	791	554	553
2,4,6-Trichlorophenol	10	U	786	791	543	506
2,4-Dichlorophenol	23	U	786	791	567	568
2,4-Dimethylphenol	23	U	786	791	554	535
2,4-Dinitrophenol	25	U	1570	1580	752	741
2,4-Dinitrotoluene	20	U	786	791	582	593
2,6-Dinitrotoluene	25	U	786	791	567	567
2-Chloronaphthalene	0.53	U	786	791	547	545
2-Chlorophenol	9.6	U	786	791	587	546
2-Methylnaphthalene	0.59	U	786	791	564	568
2-Methylphenol	13	U	786	791	587	554
2-Nitroaniline	11	U	786	791	558	568
2-Nitrophenol	9.7	U	786	791	553	555
3,3'-Dichlorobenzidine	21	U	1570	1580	856	899
3-Nitroaniline	19	U	786	791	491	483
4,6-Dinitro-2-methylphenol	11	U	1570	1580	856	875
4-Bromophenyl phenyl ether	15	U	786	791	597	593
4-Chloro-3-methylphenol	25	U	786	791	598	579
4-Chloroaniline	20	U	786	791	401	419
4-Chlorophenyl phenyl ether	15	U	786	791	567	571
4-Nitroaniline	30	U	786	791	510	524
4-Nitrophenol	20	U	1570	1580	1030	1020
Acenaphthene	0.89	U	786	791	557	542
Acenaphthylene	0.41	U	786	791	562	552
Acetophenone	11	U	786	791	559	538
Anthracene	0.91	U	786	791	552	564
Atrazine	11	U	1570	1580	1150	1190
Benzaldehyde	14	U	1570	1580	1160	1100
Benzo[a]anthracene	0.74	U	786	791	567	580
Benzo[a]pyrene	0.75	U	786	791	564	588
Benzo[b]fluoranthene	0.69	U	786	791	560	575
Benzo[g,h,i]perylene	0.41	U	786	791	561	571
Benzo[k]fluoranthene	0.80	U	786	791	576	598
Bis(2-chloroethoxy)methane	26	U	786	791	605	594
Bis(2-chloroethyl)ether	2.3	U	786	791	593	564
Bis(2-ethylhexyl) phthalate	25	J	786	791	613	627
Butyl benzyl phthalate	12	U	786	791	601	617
Caprolactam	43	U	1570	1580	1300	1320
Carbazole	32	U	786	791	537	545
Chrysene	1.3	U	786	791	586	608
Dibenz(a,h)anthracene	0.77	U	786	791	564	575

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206908

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-57930-5	Units: ug/Kg	MSD Lab Sample ID:	240-57930-5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/19/2015 1500		Analysis Date:	11/19/2015 1524	
Prep Date:	11/16/2015 0920		Prep Date:	11/16/2015 0920	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dibenzofuran	0.77	U	786	791	562		552	
Diethyl phthalate	19	U	786	791	591		590	
Dimethyl phthalate	20	U	786	791	575		576	
Di-n-butyl phthalate	18	U	786	791	585		593	
Di-n-octyl phthalate	9.3	U	786	791	570		592	
Fluoranthene	0.64	U	786	791	574		578	
Fluorene	0.62	U	786	791	553		545	
Hexachlorobenzene	2.5	U	786	791	551		562	
Hexachlorobutadiene	6.6	U	786	791	543		548	
Hexachlorocyclopentadiene	9.5	U	786	791	315	J	238	J
Hexachloroethane	11	U	786	791	519		485	
Indeno[1,2,3-cd]pyrene	0.41	U	786	791	558		579	
Isophorone	15	U	786	791	596		586	
N-Nitrosodi-n-propylamine	7.4	U	786	791	570		540	
N-Nitrosodiphenylamine	25	U	1570	1580	1140		1130	
Naphthalene	0.96	U	786	791	563		559	
Nitrobenzene	2.6	U	786	791	571		562	
Pentachlorophenol	11	U	1570	1580	863		793	
Phenanthrene	0.86	U	786	791	560		567	
Phenol	8.6	U	786	791	583		554	
Pyrene	0.52	U	786	791	579		586	
3 & 4 Methylphenol	23	U	786	791	578		544	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206878

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-206878/1-A	Analysis Batch:	240-206833	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-206878	Lab File ID:	Y0111609.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2015 1010	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0812			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	46	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	71	40 - 139

Lab Control Sample - Batch: 240-206878

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-206878/2-A	Analysis Batch:	240-206833	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-206878	Lab File ID:	Y0111610.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2015 1045	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0812			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	651	81	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	72	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206878

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57930-11	Analysis Batch:	240-206833	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-206878	Lab File ID:	Y0111623.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.47 g
Analysis Date:	11/16/2015 1814			Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0812			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57930-11	Analysis Batch:	240-206833	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-206878	Lab File ID:	Y0111624.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.51 g
Analysis Date:	11/16/2015 1849			Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0812			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics [C6 - C10]	80	78	10 - 136	9	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	87	73	40 - 139

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206878

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57930-11	Units: ug/Kg	MSD Lab Sample ID: 240-57930-11
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	11/16/2015 1814		Analysis Date: 11/16/2015 1849
Prep Date:	11/16/2015 0812		Prep Date: 11/16/2015 0812
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Gasoline Range Organics [C6 - C10]	1800	10100	9290	9930	9080

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207078

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-207078/1-A	Analysis Batch:	240-207037	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207078	Lab File ID:	A0111705.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/17/2015 0924	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 0748			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	47.9	J	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	79	40 - 139

Lab Control Sample - Batch: 240-207078

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-207078/2-A	Analysis Batch:	240-207037	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207078	Lab File ID:	A0111706.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/17/2015 1001	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 0748			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	889	111	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	101	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207078

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57774-C-8-J MS	Analysis Batch:	240-207037	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207078	Lab File ID:	A0111715.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.92 g
Analysis Date:	11/17/2015 1535			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 0748			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57774-C-8-K MSD	Analysis Batch:	240-207037	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207078	Lab File ID:	A0111716.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.94 g
Analysis Date:	11/17/2015 1612			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 0748			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics [C6 - C10]	101	101	10 - 136	0	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	100	100	40 - 139

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207078

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-57774-C-8-J MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/17/2015 1535		
Prep Date:	11/17/2015 0748		
Leach Date:	N/A		

MSD Lab Sample ID:	240-57774-C-8-K MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/17/2015 1612
Prep Date:	11/17/2015 0748
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Gasoline Range Organics [C6 - C10]	52	U	899	896	906	902

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207274

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-207274/1-A	Analysis Batch:	240-207246	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207274	Lab File ID:	A0111817.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1548	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 0657			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	46	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	78	40 - 139

Lab Control Sample - Batch: 240-207274

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-207274/2-A	Analysis Batch:	240-207246	Instrument ID:	AFID
Client Matrix:	Solid	Prep Batch:	240-207274	Lab File ID:	A0111818.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/18/2015 1626	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/18/2015 0657			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	836	104	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	101	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206884

Method: 8015C
Preparation: 3540C

Lab Sample ID:	MB 240-206884/23-A	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-206884	Lab File ID:	P5B11708.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/17/2015 2208	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0833			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)	6.4	U	6.4	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	77	40 - 160

Lab Control Sample - Batch: 240-206884

Method: 8015C
Preparation: 3540C

Lab Sample ID:	LCS 240-206884/24-A	Analysis Batch:	240-207234	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-206884	Lab File ID:	P5B11709.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/17/2015 2240	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2015 0833			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	84.0	66.9	80	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	82	40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-207121

Method: 8015C
Preparation: 3540C

Lab Sample ID:	MB 240-207121/7-A	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-207121	Lab File ID:	P5B11815.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 0129	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1002			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)	6.4	U	6.4	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	75	40 - 160

Lab Control Sample - Batch: 240-207121

Method: 8015C
Preparation: 3540C

Lab Sample ID:	LCS 240-207121/8-A	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-207121	Lab File ID:	P5B11816.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 0201	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1002			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	84.0	83.2	99	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	103	40 - 160

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207121

Method: 8015C
Preparation: 3540C

MS Lab Sample ID:	240-57930-11	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-207121	Lab File ID:	P5B11821.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.91 g
Analysis Date:	11/19/2015 0438			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1002			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57930-11	Analysis Batch:	240-207465	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-207121	Lab File ID:	P5B11822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.50 g
Analysis Date:	11/19/2015 0510			Final Weight/Volume:	5 mL
Prep Date:	11/17/2015 1002			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel	74	79	10 - 124	3	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl (Surr)	93	93	40 - 160

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-207121

Method: 8015C
Preparation: 3540C

MS Lab Sample ID:	240-57930-11	Units: mg/Kg		MSD Lab Sample ID:	240-57930-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/19/2015 0438			Analysis Date:	11/19/2015 0510
Prep Date:	11/17/2015 1002			Prep Date:	11/17/2015 1002
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel	34	99.9	97.9	108	112

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Method Blank - Batch: 240-206917

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-206917/21-A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-206917	Lab File ID:	P1200062.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 0103	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2015 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	12	U	12	33
Aroclor-1221	16	U	16	33
Aroclor-1232	20	U	20	33
Aroclor-1242	11	U	11	33
Aroclor-1248	8.0	U	8.0	33
Aroclor-1254	14	U	14	33
Aroclor-1260	9.0	U	9.0	33

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	74	13 - 134
DCB Decachlorobiphenyl	79	10 - 155

Lab Control Sample - Batch: 240-206917

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-206917/22-A	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-206917	Lab File ID:	P1200063.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	11/19/2015 0121	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2015 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	251	75	51 - 120	
Aroclor-1260	334	253	76	48 - 120	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	75	13 - 134
DCB Decachlorobiphenyl	77	10 - 155

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206917

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-57880-E-1-B MS	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-206917	Lab File ID:	P1200066.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.95 g
Analysis Date:	11/19/2015 0216			Final Weight/Volume:	10 mL
Prep Date:	11/16/2015 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-57880-E-1-C MSD	Analysis Batch:	240-207364	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-206917	Lab File ID:	P1200067.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.75 g
Analysis Date:	11/19/2015 0234			Final Weight/Volume:	10 mL
Prep Date:	11/16/2015 0932			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	117	143	17 - 141	18	56		F1
Aroclor-1260	44	55	19 - 137	21	55		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	75	90	13 - 134
DCB Decachlorobiphenyl	94	87	10 - 155

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-206917

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-57880-E-1-B MS	Units: ug/Kg	MSD Lab Sample ID: 240-57880-E-1-C MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	11/19/2015 0216		Analysis Date: 11/19/2015 0234
Prep Date:	11/16/2015 0932		Prep Date: 11/16/2015 0932
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Aroclor-1016	16	U	443	446	518	638	F1
Aroclor-1260	71		444	447	266	331	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Duplicate - Batch: 240-207016

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-57930-9	Analysis Batch:	240-207016	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/16/2015 1541	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	83	83	0.2	20	
Percent Moisture	17	17	0.9	20	

DATA REPORTING QUALIFIERS

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
	U	Indicates the analyte was analyzed for but not detected.
	*	ISTD response or retention time outside acceptable limits
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-206968					
240-57921-A-4-J MS	Matrix Spike	T	Solid		
240-57921-A-4-K MSD	Matrix Spike Duplicate	T	Solid		
Analysis Batch:240-207096					
LCS 240-207096/4	Lab Control Sample	T	Water	8260C	
MB 240-207096/6	Method Blank	T	Water	8260C	
200-30727-B-1 MS	Matrix Spike	T	Water	8260C	
200-30727-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
240-57930-12	TB-111315	T	Water	8260C	
Analysis Batch:240-207343					
LCS 240-207343/5	Lab Control Sample	T	Solid	8260C	
LCS 240-207343/7	Lab Control Sample	T	Solid	8260C	
MB 240-207343/6	Method Blank	T	Solid	8260C	
240-57930-1	F-VS-UST-P-1	T	Solid	8260C	240-207393
240-57930-3	F-VS-UST-P-3	T	Solid	8260C	240-207393
240-57930-5	F-VB-UST-P-1	T	Solid	8260C	240-207393
240-57930-6	F-VB-UST-P-2	T	Solid	8260C	240-207393
240-57930-7	F-VB-UST-P-3	T	Solid	8260C	240-207393
240-57930-8	F-VB-UST-P-4	T	Solid	8260C	240-207393
240-57930-9	F-VB-UST-P-5	T	Solid	8260C	240-207393
240-57930-10	F-VB-UST-P-6	T	Solid	8260C	240-207393
240-57930-11	F-VS-UST-P-DUP	T	Solid	8260C	240-207393
Prep Batch: 240-207393					
240-57930-1	F-VS-UST-P-1	T	Solid	5030C	
240-57930-3	F-VS-UST-P-3	T	Solid	5030C	
240-57930-5	F-VB-UST-P-1	T	Solid	5030C	
240-57930-6	F-VB-UST-P-2	T	Solid	5030C	
240-57930-7	F-VB-UST-P-3	T	Solid	5030C	
240-57930-8	F-VB-UST-P-4	T	Solid	5030C	
240-57930-9	F-VB-UST-P-5	T	Solid	5030C	
240-57930-10	F-VB-UST-P-6	T	Solid	5030C	
240-57930-11	F-VS-UST-P-DUP	T	Solid	5030C	
Analysis Batch:240-207560					
LCS 240-207560/5	Lab Control Sample	T	Solid	8260C	
LCS 240-207560/7	Lab Control Sample	T	Solid	8260C	
MB 240-207560/6	Method Blank	T	Solid	8260C	
240-57921-A-4-J MS	Matrix Spike	T	Solid	8260C	240-207613
240-57921-A-4-K MSD	Matrix Spike Duplicate	T	Solid	8260C	240-207613
240-57930-2	F-VS-UST-P-2	T	Solid	8260C	240-207613
240-57930-4	F-VS-UST-P-4	T	Solid	8260C	240-207613

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-207613					
240-57921-A-4-J MS	Matrix Spike	T	Solid	5030C	240-206968
240-57921-A-4-K MSD	Matrix Spike Duplicate	T	Solid	5030C	240-206968
240-57930-2	F-VS-UST-P-2	T	Solid	5030C	
240-57930-4	F-VS-UST-P-4	T	Solid	5030C	
Prep Batch: 240-207709					
240-57930-2	F-VS-UST-P-2	T	Solid	5030C	
240-57972-C-3-C MS	Matrix Spike	T	Solid	5030C	
240-57972-C-3-D MSD	Matrix Spike Duplicate	T	Solid	5030C	
Analysis Batch:240-207720					
LCS 240-207720/6	Lab Control Sample	T	Solid	8260C	
MB 240-207720/8	Method Blank	T	Solid	8260C	
240-57930-2	F-VS-UST-P-2	T	Solid	8260C	240-207709
240-57972-C-3-C MS	Matrix Spike	T	Solid	8260C	240-207709
240-57972-C-3-D MSD	Matrix Spike Duplicate	T	Solid	8260C	240-207709

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-206887					
LCS 240-206887/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-206887/23-A	Method Blank	T	Solid	3540C	
240-57930-6	F-VB-UST-P-2	T	Solid	3540C	
240-57930-7	F-VB-UST-P-3	T	Solid	3540C	
240-57930-8	F-VB-UST-P-4	T	Solid	3540C	
240-57930-9	F-VB-UST-P-5	T	Solid	3540C	
240-57930-10	F-VB-UST-P-6	T	Solid	3540C	
240-57930-11	F-VS-UST-P-DUP	T	Solid	3540C	
Prep Batch: 240-206908					
LCS 240-206908/22-A	Lab Control Sample	T	Solid	3540C	
MB 240-206908/21-A	Method Blank	T	Solid	3540C	
240-57930-1	F-VS-UST-P-1	T	Solid	3540C	
240-57930-2	F-VS-UST-P-2	T	Solid	3540C	
240-57930-3	F-VS-UST-P-3	T	Solid	3540C	
240-57930-4	F-VS-UST-P-4	T	Solid	3540C	
240-57930-5	F-VB-UST-P-1	T	Solid	3540C	
240-57930-5MS	Matrix Spike	T	Solid	3540C	
240-57930-5MSD	Matrix Spike Duplicate	T	Solid	3540C	
Analysis Batch:240-207287					
LCS 240-206908/22-A	Lab Control Sample	T	Solid	8270D	240-206908
MB 240-206908/21-A	Method Blank	T	Solid	8270D	240-206908
Analysis Batch:240-207541					
LCS 240-206887/24-A	Lab Control Sample	T	Solid	8270D	240-206887
MB 240-206887/23-A	Method Blank	T	Solid	8270D	240-206887
240-57930-1	F-VS-UST-P-1	T	Solid	8270D	240-206908
240-57930-2	F-VS-UST-P-2	T	Solid	8270D	240-206908
240-57930-3	F-VS-UST-P-3	T	Solid	8270D	240-206908
240-57930-4	F-VS-UST-P-4	T	Solid	8270D	240-206908
240-57930-5	F-VB-UST-P-1	T	Solid	8270D	240-206908
240-57930-5MS	Matrix Spike	T	Solid	8270D	240-206908
240-57930-5MSD	Matrix Spike Duplicate	T	Solid	8270D	240-206908
240-57930-6	F-VB-UST-P-2	T	Solid	8270D	240-206887
240-57930-7	F-VB-UST-P-3	T	Solid	8270D	240-206887
240-57930-8	F-VB-UST-P-4	T	Solid	8270D	240-206887
240-57930-9	F-VB-UST-P-5	T	Solid	8270D	240-206887
240-57930-10	F-VB-UST-P-6	T	Solid	8270D	240-206887
240-57930-11	F-VS-UST-P-DUP	T	Solid	8270D	240-206887

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:240-206833					
LCS 240-206878/2-A	Lab Control Sample	T	Solid	8015C	240-206878
MB 240-206878/1-A	Method Blank	T	Solid	8015C	240-206878
240-57930-1	F-VS-UST-P-1	T	Solid	8015C	240-206878
240-57930-4	F-VS-UST-P-4	T	Solid	8015C	240-206878
240-57930-5	F-VB-UST-P-1	T	Solid	8015C	240-206878
240-57930-6	F-VB-UST-P-2	T	Solid	8015C	240-206878
240-57930-7	F-VB-UST-P-3	T	Solid	8015C	240-206878
240-57930-8	F-VB-UST-P-4	T	Solid	8015C	240-206878
240-57930-9	F-VB-UST-P-5	T	Solid	8015C	240-206878
240-57930-10	F-VB-UST-P-6	T	Solid	8015C	240-206878
240-57930-11	F-VS-UST-P-DUP	T	Solid	8015C	240-206878
240-57930-11MS	Matrix Spike	T	Solid	8015C	240-206878
240-57930-11MSD	Matrix Spike Duplicate	T	Solid	8015C	240-206878
Prep Batch: 240-206878					
LCS 240-206878/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-206878/1-A	Method Blank	T	Solid	5030A	
240-57930-1	F-VS-UST-P-1	T	Solid	5030A	
240-57930-4	F-VS-UST-P-4	T	Solid	5030A	
240-57930-5	F-VB-UST-P-1	T	Solid	5030A	
240-57930-6	F-VB-UST-P-2	T	Solid	5030A	
240-57930-7	F-VB-UST-P-3	T	Solid	5030A	
240-57930-8	F-VB-UST-P-4	T	Solid	5030A	
240-57930-9	F-VB-UST-P-5	T	Solid	5030A	
240-57930-10	F-VB-UST-P-6	T	Solid	5030A	
240-57930-11	F-VS-UST-P-DUP	T	Solid	5030A	
240-57930-11MS	Matrix Spike	T	Solid	5030A	
240-57930-11MSD	Matrix Spike Duplicate	T	Solid	5030A	
Analysis Batch:240-207037					
LCS 240-207078/2-A	Lab Control Sample	T	Solid	8015C	240-207078
MB 240-207078/1-A	Method Blank	T	Solid	8015C	240-207078
240-57774-C-8-J MS	Matrix Spike	T	Solid	8015C	240-207078
240-57774-C-8-K MSD	Matrix Spike Duplicate	T	Solid	8015C	240-207078
240-57930-2	F-VS-UST-P-2	T	Solid	8015C	240-207078
Prep Batch: 240-207078					
LCS 240-207078/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-207078/1-A	Method Blank	T	Solid	5030A	
240-57774-C-8-J MS	Matrix Spike	T	Solid	5030A	
240-57774-C-8-K MSD	Matrix Spike Duplicate	T	Solid	5030A	
240-57930-2	F-VS-UST-P-2	T	Solid	5030A	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:240-207246					
LCS 240-207274/2-A	Lab Control Sample	T	Solid	8015C	240-207274
MB 240-207274/1-A	Method Blank	T	Solid	8015C	240-207274
240-57930-3	F-VS-UST-P-3	T	Solid	8015C	240-207274
Prep Batch: 240-207274					
LCS 240-207274/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-207274/1-A	Method Blank	T	Solid	5030A	
240-57930-3	F-VS-UST-P-3	T	Solid	5030A	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-206884					
LCS 240-206884/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-206884/23-A	Method Blank	T	Solid	3540C	
240-57930-1	F-VS-UST-P-1	T	Solid	3540C	
240-57930-2	F-VS-UST-P-2	T	Solid	3540C	
240-57930-3	F-VS-UST-P-3	T	Solid	3540C	
240-57930-4	F-VS-UST-P-4	T	Solid	3540C	
240-57930-5	F-VB-UST-P-1	T	Solid	3540C	
240-57930-6	F-VB-UST-P-2	T	Solid	3540C	
240-57930-7	F-VB-UST-P-3	T	Solid	3540C	
Prep Batch: 240-206917					
LCS 240-206917/22-A	Lab Control Sample	T	Solid	3540C	
MB 240-206917/21-A	Method Blank	T	Solid	3540C	
240-57880-E-1-B MS	Matrix Spike	T	Solid	3540C	
240-57880-E-1-C MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-57930-1	F-VS-UST-P-1	T	Solid	3540C	
240-57930-2	F-VS-UST-P-2	T	Solid	3540C	
240-57930-3	F-VS-UST-P-3	T	Solid	3540C	
240-57930-4	F-VS-UST-P-4	T	Solid	3540C	
240-57930-5	F-VB-UST-P-1	T	Solid	3540C	
240-57930-6	F-VB-UST-P-2	T	Solid	3540C	
240-57930-7	F-VB-UST-P-3	T	Solid	3540C	
240-57930-8	F-VB-UST-P-4	T	Solid	3540C	
240-57930-9	F-VB-UST-P-5	T	Solid	3540C	
240-57930-10	F-VB-UST-P-6	T	Solid	3540C	
240-57930-11	F-VS-UST-P-DUP	T	Solid	3540C	
Prep Batch: 240-207121					
LCS 240-207121/8-A	Lab Control Sample	T	Solid	3540C	
MB 240-207121/7-A	Method Blank	T	Solid	3540C	
240-57930-8	F-VB-UST-P-4	T	Solid	3540C	
240-57930-9	F-VB-UST-P-5	T	Solid	3540C	
240-57930-10	F-VB-UST-P-6	T	Solid	3540C	
240-57930-11	F-VS-UST-P-DUP	T	Solid	3540C	
240-57930-11MS	Matrix Spike	T	Solid	3540C	
240-57930-11MSD	Matrix Spike Duplicate	T	Solid	3540C	

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-207234					
LCS 240-206884/24-A	Lab Control Sample	T	Solid	8015C	240-206884
MB 240-206884/23-A	Method Blank	T	Solid	8015C	240-206884
240-57930-1	F-VS-UST-P-1	T	Solid	8015C	240-206884
240-57930-2	F-VS-UST-P-2	T	Solid	8015C	240-206884
240-57930-3	F-VS-UST-P-3	T	Solid	8015C	240-206884
240-57930-4	F-VS-UST-P-4	T	Solid	8015C	240-206884
240-57930-5	F-VB-UST-P-1	T	Solid	8015C	240-206884
240-57930-6	F-VB-UST-P-2	T	Solid	8015C	240-206884
240-57930-7	F-VB-UST-P-3	T	Solid	8015C	240-206884
Analysis Batch:240-207364					
LCS 240-206917/22-A	Lab Control Sample	T	Solid	8082A	240-206917
MB 240-206917/21-A	Method Blank	T	Solid	8082A	240-206917
240-57880-E-1-B MS	Matrix Spike	T	Solid	8082A	240-206917
240-57880-E-1-C MSD	Matrix Spike Duplicate	T	Solid	8082A	240-206917
240-57930-1	F-VS-UST-P-1	T	Solid	8082A	240-206917
240-57930-2	F-VS-UST-P-2	T	Solid	8082A	240-206917
240-57930-3	F-VS-UST-P-3	T	Solid	8082A	240-206917
240-57930-4	F-VS-UST-P-4	T	Solid	8082A	240-206917
240-57930-5	F-VB-UST-P-1	T	Solid	8082A	240-206917
240-57930-6	F-VB-UST-P-2	T	Solid	8082A	240-206917
240-57930-7	F-VB-UST-P-3	T	Solid	8082A	240-206917
240-57930-8	F-VB-UST-P-4	T	Solid	8082A	240-206917
240-57930-9	F-VB-UST-P-5	T	Solid	8082A	240-206917
240-57930-10	F-VB-UST-P-6	T	Solid	8082A	240-206917
240-57930-11	F-VS-UST-P-DUP	T	Solid	8082A	240-206917
Analysis Batch:240-207465					
LCS 240-207121/8-A	Lab Control Sample	T	Solid	8015C	240-207121
MB 240-207121/7-A	Method Blank	T	Solid	8015C	240-207121
240-57930-8	F-VB-UST-P-4	T	Solid	8015C	240-207121
240-57930-9	F-VB-UST-P-5	T	Solid	8015C	240-207121
240-57930-10	F-VB-UST-P-6	T	Solid	8015C	240-207121
240-57930-11	F-VS-UST-P-DUP	T	Solid	8015C	240-207121
240-57930-11MS	Matrix Spike	T	Solid	8015C	240-207121
240-57930-11MSD	Matrix Spike Duplicate	T	Solid	8015C	240-207121

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57930-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-207016					
240-57930-1	F-VS-UST-P-1	T	Solid	Moisture	
240-57930-2	F-VS-UST-P-2	T	Solid	Moisture	
240-57930-3	F-VS-UST-P-3	T	Solid	Moisture	
240-57930-4	F-VS-UST-P-4	T	Solid	Moisture	
240-57930-5	F-VB-UST-P-1	T	Solid	Moisture	
240-57930-6	F-VB-UST-P-2	T	Solid	Moisture	
240-57930-7	F-VB-UST-P-3	T	Solid	Moisture	
240-57930-8	F-VB-UST-P-4	T	Solid	Moisture	
240-57930-9	F-VB-UST-P-5	T	Solid	Moisture	
240-57930-9DU	Duplicate	T	Solid	Moisture	
240-57930-10	F-VB-UST-P-6	T	Solid	Moisture	
240-57930-11	F-VS-UST-P-DUP	T	Solid	Moisture	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-1 **Client ID: F-VS-UST-P-1**

Sample Date/Time: 11/13/2015 10:30 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-1-E		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-1-E		240-207343	240-207393	11/18/2015 18:03	1	TAL CAN	SAM
P:3540C	240-57930-D-1-B		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-1-B		240-207541	240-206908	11/19/2015 19:46	1	TAL CAN	JMG
P:5030A	240-57930-C-1-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-1-A		240-206833	240-206878	11/16/2015 11:18	1	TAL CAN	RTR
P:3540C	240-57930-D-1-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-1-A		240-207234	240-206884	11/18/2015 07:32	1	TAL CAN	DEB
P:3540C	240-57930-D-1-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-1-C		240-207364	240-206917	11/18/2015 23:51	1	TAL CAN	LSH
A:Moisture	240-57930-A-1		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-2 **Client ID: F-VS-UST-P-2**

Sample Date/Time: 11/13/2015 10:35 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-2-D		240-207560	240-207613	11/19/2015 13:00	1	TAL CAN	SAM
A:8260C	240-57930-B-2-D		240-207560	240-207613	11/19/2015 17:52	1	TAL CAN	SAM
P:5030C	240-57930-B-2-E		240-207560	240-207613	11/19/2015 13:00	1	TAL CAN	SAM
A:8260C	240-57930-B-2-E		240-207560	240-207613	11/19/2015 18:13	1	TAL CAN	SAM
P:5030C	240-57930-B-2-F		240-207720	240-207709	11/20/2015 09:47	1	TAL CAN	TJL2
A:8260C	240-57930-B-2-F		240-207720	240-207709	11/20/2015 10:06	1	TAL CAN	SAM
P:3540C	240-57930-D-2-B		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-2-B		240-207541	240-206908	11/19/2015 19:23	1	TAL CAN	JMG
P:5030A	240-57930-C-2-B		240-207037	240-207078	11/17/2015 07:48	1	TAL CAN	RTR
A:8015C	240-57930-C-2-B		240-207037	240-207078	11/17/2015 10:39	1	TAL CAN	RTR
P:3540C	240-57930-D-2-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-2-A		240-207234	240-206884	11/18/2015 08:04	1	TAL CAN	DEB
P:3540C	240-57930-D-2-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-2-C		240-207364	240-206917	11/19/2015 00:09	1	TAL CAN	LSH
A:Moisture	240-57930-A-2		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-3 **Client ID: F-VS-UST-P-3**

Sample Date/Time: 11/13/2015 10:40 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-3-B		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-3-B		240-207343	240-207393	11/18/2015 18:25	1	TAL CAN	SAM
P:3540C	240-57930-D-3-B		240-207541	240-206908	11/16/2015 09:20	2.5	TAL CAN	YDN
A:8270D	240-57930-D-3-B		240-207541	240-206908	11/19/2015 20:57	2.5	TAL CAN	JMG
P:5030A	240-57930-C-3-B		240-207246	240-207274	11/18/2015 06:57	1	TAL CAN	RTR
A:8015C	240-57930-C-3-B		240-207246	240-207274	11/18/2015 17:04	1	TAL CAN	RTR
P:3540C	240-57930-D-3-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-3-A		240-207234	240-206884	11/18/2015 08:35	1	TAL CAN	DEB
P:3540C	240-57930-D-3-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-3-C		240-207364	240-206917	11/19/2015 00:27	1	TAL CAN	LSH
A:Moisture	240-57930-A-3		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-4 **Client ID: F-VS-UST-P-4**

Sample Date/Time: 11/13/2015 10:45 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-4-E		240-207560	240-207613	11/19/2015 13:00	1	TAL CAN	SAM
A:8260C	240-57930-B-4-E		240-207560	240-207613	11/19/2015 17:08	1	TAL CAN	SAM
P:3540C	240-57930-D-4-B		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-4-B		240-207541	240-206908	11/19/2015 20:34	1	TAL CAN	JMG
P:5030A	240-57930-C-4-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-4-A		240-206833	240-206878	11/16/2015 13:01	1	TAL CAN	RTR
P:3540C	240-57930-D-4-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-4-A		240-207234	240-206884	11/18/2015 10:10	1	TAL CAN	DEB
P:3540C	240-57930-D-4-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-4-C		240-207364	240-206917	11/19/2015 00:45	1	TAL CAN	LSH
A:Moisture	240-57930-A-4		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-5 **Client ID: F-VB-UST-P-1**

Sample Date/Time: 11/13/2015 10:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-5-B		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-5-B		240-207343	240-207393	11/18/2015 19:51	1	TAL CAN	SAM
P:3540C	240-57930-D-5-B		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-5-B		240-207541	240-206908	11/19/2015 14:37	1	TAL CAN	JMG
P:5030A	240-57930-C-5-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-5-A		240-206833	240-206878	11/16/2015 13:36	1	TAL CAN	RTR
P:3540C	240-57930-D-5-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-5-A		240-207234	240-206884	11/18/2015 10:47	1	TAL CAN	DEB
P:3540C	240-57930-D-5-E		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-5-E		240-207364	240-206917	11/19/2015 01:58	1	TAL CAN	LSH
A:Moisture	240-57930-A-5		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-5 MS **Client ID: F-VB-UST-P-1**

Sample Date/Time: 11/13/2015 10:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-57930-D-5-C MS		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-5-C MS		240-207541	240-206908	11/19/2015 15:00	1	TAL CAN	JMG

Lab ID: 240-57930-5 MSD **Client ID: F-VB-UST-P-1**

Sample Date/Time: 11/13/2015 10:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-57930-D-5-D MSD		240-207541	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	240-57930-D-5-D MSD		240-207541	240-206908	11/19/2015 15:24	1	TAL CAN	JMG

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-6 **Client ID: F-VB-UST-P-2**

Sample Date/Time: 11/13/2015 10:05 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-6-B		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-6-B		240-207343	240-207393	11/18/2015 20:12	1	TAL CAN	SAM
P:3540C	240-57930-D-6-B		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-6-B		240-207541	240-206887	11/19/2015 15:48	1	TAL CAN	JMG
P:5030A	240-57930-C-6-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-6-A		240-206833	240-206878	11/16/2015 14:12	1	TAL CAN	RTR
P:3540C	240-57930-D-6-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-6-A		240-207234	240-206884	11/18/2015 11:21	1	TAL CAN	DEB
P:3540C	240-57930-D-6-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-6-C		240-207364	240-206917	11/18/2015 22:02	1	TAL CAN	LSH
A:Moisture	240-57930-A-6		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-7 **Client ID: F-VB-UST-P-3**

Sample Date/Time: 11/13/2015 10:10 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-7-B		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-7-B		240-207343	240-207393	11/18/2015 20:33	1	TAL CAN	SAM
P:3540C	240-57930-D-7-B		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-7-B		240-207541	240-206887	11/19/2015 16:12	1	TAL CAN	JMG
P:5030A	240-57930-C-7-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-7-A		240-206833	240-206878	11/16/2015 15:19	1	TAL CAN	RTR
P:3540C	240-57930-D-7-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	240-57930-D-7-A		240-207234	240-206884	11/18/2015 12:32	1	TAL CAN	DEB
P:3540C	240-57930-D-7-C		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-7-C		240-207364	240-206917	11/18/2015 22:20	1	TAL CAN	LSH
A:Moisture	240-57930-A-7		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-8 **Client ID: F-VB-UST-P-4**

Sample Date/Time: 11/13/2015 10:15 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-8-A		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-8-A		240-207343	240-207393	11/18/2015 20:55	1	TAL CAN	SAM
P:3540C	240-57930-D-8-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-8-A		240-207541	240-206887	11/19/2015 16:36	1	TAL CAN	JMG
P:5030A	240-57930-C-8-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-8-A		240-206833	240-206878	11/16/2015 15:56	1	TAL CAN	RTR
P:3540C	240-57930-D-8-C		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-8-C		240-207465	240-207121	11/19/2015 02:32	1	TAL CAN	DEB
P:3540C	240-57930-D-8-B		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-8-B		240-207364	240-206917	11/18/2015 22:38	1	TAL CAN	LSH
A:Moisture	240-57930-A-8		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-9 **Client ID: F-VB-UST-P-5**

Sample Date/Time: 11/13/2015 10:20 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-9-A		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-9-A		240-207343	240-207393	11/18/2015 21:16	1	TAL CAN	SAM
P:3540C	240-57930-D-9-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-9-A		240-207541	240-206887	11/19/2015 17:00	1	TAL CAN	JMG
P:5030A	240-57930-C-9-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-9-A		240-206833	240-206878	11/16/2015 16:30	1	TAL CAN	RTR
P:3540C	240-57930-D-9-C		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-9-C		240-207465	240-207121	11/19/2015 03:04	1	TAL CAN	DEB
P:3540C	240-57930-D-9-B		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-9-B		240-207364	240-206917	11/18/2015 22:56	1	TAL CAN	LSH
A:Moisture	240-57930-A-9		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-9 DU **Client ID: F-VB-UST-P-5**

Sample Date/Time: 11/13/2015 10:20 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-57930-A-9 DU		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-10 **Client ID: F-VB-UST-P-6**

Sample Date/Time: 11/13/2015 10:25 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-10-A		240-207343	240-207393	11/18/2015 12:27	1	TAL CAN	SAM
A:8260C	240-57930-B-10-A		240-207343	240-207393	11/18/2015 21:38	1	TAL CAN	SAM
P:3540C	240-57930-D-10-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-10-A		240-207541	240-206887	11/19/2015 17:23	1	TAL CAN	JMG
P:5030A	240-57930-C-10-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-10-A		240-206833	240-206878	11/16/2015 17:05	1	TAL CAN	RTR
P:3540C	240-57930-D-10-C		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-10-C		240-207465	240-207121	11/19/2015 03:36	1	TAL CAN	DEB
P:3540C	240-57930-D-10-B		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-10-B		240-207364	240-206917	11/18/2015 23:15	1	TAL CAN	LSH
A:Moisture	240-57930-A-10		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-11 **Client ID: F-VS-UST-P-DUP**

Sample Date/Time: 11/13/2015 00:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-B-11-A		240-207343	240-207393	11/18/2015 12:30	1	TAL CAN	SAM
A:8260C	240-57930-B-11-A		240-207343	240-207393	11/18/2015 21:59	1	TAL CAN	SAM
P:3540C	240-57930-D-11-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	240-57930-D-11-A		240-207541	240-206887	11/19/2015 20:10	1	TAL CAN	JMG
P:5030A	240-57930-C-11-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-11-A		240-206833	240-206878	11/16/2015 17:40	1	TAL CAN	RTR
P:3540C	240-57930-D-11-C		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-11-C		240-207465	240-207121	11/19/2015 04:07	1	TAL CAN	DEB
P:3540C	240-57930-D-11-B		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57930-D-11-B		240-207364	240-206917	11/18/2015 23:33	1	TAL CAN	LSH
A:Moisture	240-57930-A-11		240-207016		11/16/2015 15:41	1	TAL CAN	DTN

Lab ID: 240-57930-11 MS **Client ID: F-VS-UST-P-DUP**

Sample Date/Time: 11/13/2015 00:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030A	240-57930-C-11-B MS		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-11-B MS		240-206833	240-206878	11/16/2015 18:14	1	TAL CAN	RTR
P:3540C	240-57930-D-11-D MS		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-11-D MS		240-207465	240-207121	11/19/2015 04:38	1	TAL CAN	DEB

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: 240-57930-11 MSD **Client ID: F-VS-UST-P-DUP**

Sample Date/Time: 11/13/2015 00:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030A	240-57930-C-11-C MSD		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	240-57930-C-11-C MSD		240-206833	240-206878	11/16/2015 18:49	1	TAL CAN	RTR
P:3540C	240-57930-D-11-E MSD		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	240-57930-D-11-E MSD		240-207465	240-207121	11/19/2015 05:10	1	TAL CAN	DEB

Lab ID: 240-57930-12 **Client ID: TB-111315**

Sample Date/Time: 11/13/2015 00:00 Received Date/Time: 11/14/2015 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-57930-A-12		240-207096		11/17/2015 14:51	1	TAL CAN	RJQ
A:8260C	240-57930-A-12		240-207096		11/17/2015 14:51	1	TAL CAN	RJQ

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	MB 240-207096/6		240-207096		11/17/2015 12:17	1	TAL CAN	RJQ
A:8260C	MB 240-207096/6		240-207096		11/17/2015 12:17	1	TAL CAN	RJQ
A:8260C	MB 240-207343/6		240-207343		11/18/2015 12:20	1	TAL CAN	SAM
A:8260C	MB 240-207560/6		240-207560		11/19/2015 12:29	1	TAL CAN	SAM
A:8260C	MB 240-207720/8		240-207720		11/20/2015 05:08	1	TAL CAN	SAM
P:3540C	MB 240-206908/21-A		240-207287	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	MB 240-206908/21-A		240-207287	240-206908	11/18/2015 08:51	1	TAL CAN	JMG
P:3540C	MB 240-206887/23-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	MB 240-206887/23-A		240-207541	240-206887	11/19/2015 11:50	1	TAL CAN	JMG
P:5030A	MB 240-206878/1-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	MB 240-206878/1-A		240-206833	240-206878	11/16/2015 10:10	1	TAL CAN	RTR
P:5030A	MB 240-207078/1-A		240-207037	240-207078	11/17/2015 07:48	1	TAL CAN	RTR
A:8015C	MB 240-207078/1-A		240-207037	240-207078	11/17/2015 09:24	1	TAL CAN	RTR
P:5030A	MB 240-207274/1-A		240-207246	240-207274	11/18/2015 06:57	1	TAL CAN	RTR
A:8015C	MB 240-207274/1-A		240-207246	240-207274	11/18/2015 15:48	1	TAL CAN	RTR
P:3540C	MB 240-206884/23-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	MB 240-206884/23-A		240-207234	240-206884	11/17/2015 22:08	1	TAL CAN	DEB
P:3540C	MB 240-207121/7-A		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	MB 240-207121/7-A		240-207465	240-207121	11/19/2015 01:29	1	TAL CAN	DEB
P:3540C	MB 240-206917/21-A		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	MB 240-206917/21-A		240-207364	240-206917	11/19/2015 01:03	1	TAL CAN	LSH

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	LCS 240-207096/4		240-207096		11/17/2015 11:34	1	TAL CAN	RJQ
A:8260C	LCS 240-207096/4		240-207096		11/17/2015 11:34	1	TAL CAN	RJQ
A:8260C	LCS 240-207343/5		240-207343		11/18/2015 11:58	1	TAL CAN	SAM
A:8260C	LCS 240-207343/7		240-207343		11/18/2015 12:41	1	TAL CAN	SAM
A:8260C	LCS 240-207560/5		240-207560		11/19/2015 12:08	1	TAL CAN	SAM
A:8260C	LCS 240-207560/7		240-207560		11/19/2015 12:51	1	TAL CAN	SAM
A:8260C	LCS 240-207720/6		240-207720		11/20/2015 04:26	1	TAL CAN	SAM
P:3540C	LCS 240-206908/22-A		240-207287	240-206908	11/16/2015 09:20	1	TAL CAN	YDN
A:8270D	LCS 240-206908/22-A		240-207287	240-206908	11/18/2015 09:15	1	TAL CAN	JMG
P:3540C	LCS 240-206887/24-A		240-207541	240-206887	11/16/2015 08:48	1	TAL CAN	YDN
A:8270D	LCS 240-206887/24-A		240-207541	240-206887	11/19/2015 12:13	1	TAL CAN	JMG
P:5030A	LCS 240-206878/2-A		240-206833	240-206878	11/16/2015 08:12	1	TAL CAN	RTR
A:8015C	LCS 240-206878/2-A		240-206833	240-206878	11/16/2015 10:45	1	TAL CAN	RTR
P:5030A	LCS 240-207078/2-A		240-207037	240-207078	11/17/2015 07:48	1	TAL CAN	RTR
A:8015C	LCS 240-207078/2-A		240-207037	240-207078	11/17/2015 10:01	1	TAL CAN	RTR
P:5030A	LCS 240-207274/2-A		240-207246	240-207274	11/18/2015 06:57	1	TAL CAN	RTR
A:8015C	LCS 240-207274/2-A		240-207246	240-207274	11/18/2015 16:26	1	TAL CAN	RTR
P:3540C	LCS 240-206884/24-A		240-207234	240-206884	11/16/2015 08:33	1	TAL CAN	YDN
A:8015C	LCS 240-206884/24-A		240-207234	240-206884	11/17/2015 22:40	1	TAL CAN	DEB
P:3540C	LCS 240-207121/8-A		240-207465	240-207121	11/17/2015 10:02	1	TAL CAN	YDN
A:8015C	LCS 240-207121/8-A		240-207465	240-207121	11/19/2015 02:01	1	TAL CAN	DEB
P:3540C	LCS 240-206917/22-A		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	LCS 240-206917/22-A		240-207364	240-206917	11/19/2015 01:21	1	TAL CAN	LSH

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 11/11/2015 14:30 Received Date/Time: 11/12/2015 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	200-30727-B-1 MS		240-207096		11/17/2015 15:35	50	TAL CAN	RJQ
A:8260C	200-30727-B-1 MS		240-207096		11/17/2015 15:35	50	TAL CAN	RJQ
P:5030C	240-57921-A-4-J MS		240-207560	240-207613	11/19/2015 13:00	1	TAL CAN	SAM
A:8260C	240-57921-A-4-J MS		240-207560	240-207613	11/19/2015 20:22	1	TAL CAN	SAM
P:5030C	240-57972-C-3-C MS		240-207720	240-207709	11/20/2015 04:52	1	TAL CAN	TJL2
A:8260C	240-57972-C-3-C MS		240-207720	240-207709	11/20/2015 08:41	1	TAL CAN	SAM
P:5030A	240-57774-C-8-J MS		240-207037	240-207078	11/17/2015 07:48	1	TAL CAN	RTR
A:8015C	240-57774-C-8-J MS		240-207037	240-207078	11/17/2015 15:35	1	TAL CAN	RTR
P:3540C	240-57880-E-1-B MS		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57880-E-1-B MS		240-207364	240-206917	11/19/2015 02:16	1	TAL CAN	LSH

Client: Tetra Tech, Inc. Job Number: 240-57930-1

Laboratory Chronicle

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 11/11/2015 14:30 Received Date/Time: 11/12/2015 14:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	200-30727-B-1 MSD		240-207096		11/17/2015 15:57	50	TAL CAN	RJQ
A:8260C	200-30727-B-1 MSD		240-207096		11/17/2015 15:57	50	TAL CAN	RJQ
P:5030C	240-57921-A-4-K MSD		240-207560	240-207613	11/19/2015 13:00	1	TAL CAN	SAM
A:8260C	240-57921-A-4-K MSD		240-207560	240-207613	11/19/2015 20:43	1	TAL CAN	SAM
P:5030C	240-57972-C-3-D MSD		240-207720	240-207709	11/20/2015 04:52	1	TAL CAN	TJL2
A:8260C	240-57972-C-3-D MSD		240-207720	240-207709	11/20/2015 09:02	1	TAL CAN	SAM
P:5030A	240-57774-C-8-K MSD		240-207037	240-207078	11/17/2015 07:48	1	TAL CAN	RTR
A:8015C	240-57774-C-8-K MSD		240-207037	240-207078	11/17/2015 16:12	1	TAL CAN	RTR
P:3540C	240-57880-E-1-C MSD		240-207364	240-206917	11/16/2015 09:32	1	TAL CAN	YDN
A:8082A	240-57880-E-1-C MSD		240-207364	240-206917	11/19/2015 02:34	1	TAL CAN	LSH

Lab References:
TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ex10PPMSPK_00018	04/30/19	08/21/15	MEOH, Lot 147358	1000 mL	ex1016/1260st_00001	3.8 mL	Aroclor-1016	10.0012 ug/mL
							Aroclor-1260	10.0062 ug/mL
					ex1016/1260st_00002	6.2 mL	Aroclor-1016	10.0012 ug/mL
							Aroclor-1260	10.0062 ug/mL
.ex1016/1260st_00001	04/30/19		Restek, Lot A092844		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
.ex1016/1260st_00002	05/31/21		Restek, Lot A0109056		(Purchased Reagent)		Aroclor-1016	1000.2 ug/mL
							Aroclor-1260	1001 ug/mL
ex2/.2SURRW_00062	07/13/17	10/26/15	MEOH, Lot 0000118655	2000 mL	EXPESTSURR_00001	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EXPESTSURR_00001	05/31/21		Restek, Lot A0108779		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
exBENZALDEHYD_00031	08/31/16	10/27/15	MEOH, Lot 0000099494	200 mL	EXLIST1_S11_00001	4 mL	Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
.EXLIST1_S11_00001	08/31/16		Restek, Lot A0108989		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
exBNASPIKE_00053	08/31/16	11/02/15	MEOH, Lot 0000099494	200 mL	exLIST1_S1_00004	4 mL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
					EXLIST1_S10_00001	4 mL	Benzoic acid	40 ug/mL
							Indene	40 ug/mL
					exLIST1_S9_00003	4 mL	3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
.exLIST1_S1_00004	12/31/16		Restek, Lot A0111934		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	500 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	500 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
.EXLIST1_S10_00001	08/31/16		Restek, Lot A0108988		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.exLIST1_S9_00003	01/31/17		Restek, Lot A0112567		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
exBNASURR W_00028	02/22/18	10/15/15	MEOH, Lot 0000099494	2000 mL	SMLIST1 SURR_00003	8 mL	2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMLIST1 SURR_00003	02/22/18	Restek, Lot A093638			(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
exDIESELspkw_00068	08/27/17	10/05/15	ACETONE, Lot 0000090987	200 mL	exDIESELstd_00003	10 mL	Diesel	2521.45 ug/mL
.exDIESELstd_00003	04/30/22	Restek, Lot A0109732			(Purchased Reagent)		Diesel	50429 ug/mL
exOTPSURRW_00006	12/31/18	10/17/15	MEOH, Lot 0000099494	1000 mL	exOTPstd_00002	20 mL	o-Terphenyl (Surr)	200 ug/mL
.exOTPstd_00002	12/31/18	Restek, Lot A0110923			(Purchased Reagent)		o-Terphenyl (Surr)	10000 ug/mL
Gas Surr Cali_00014	11/02/15	08/07/15	MeoH, Lot 1823933	10 mL	VGGASURROGATE_00032	1 mL	Trifluorotoluene (Surr)	5 ug/mL
.VGGASURROGATE_00032	08/22/15	05/22/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
..VGSURRSTKGAS_00019	08/31/16	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
Gas Surr Cali_00015	01/12/16	10/12/15	MeoH, Lot 1823933	10 mL	VGGASURROGATE_00032	1 mL	Trifluorotoluene (Surr)	5 ug/mL
.VGGASURROGATE_00032	08/22/15	05/22/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
..VGSURRSTKGAS_00019	08/31/16	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
SG1248@.05ppm_00018	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21	Restek, Lot A0107141			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18	Restek, Lot A0108735			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	Aroclor-1248	0.5 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	Aroclor-1248	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		Aroclor-1248	1000 ug/mL
SG1248@1.0ppm_00014	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@2.0ppm_00014	04/22/16	08/24/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660@.05PPM_00016	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21	Restek, Lot a109056			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18	Restek, Lot A0108735			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20	Restek, Lot A0103185			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00018	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	2 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00058	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00058	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	5 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660@1.0PPM_00016	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00015	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	20 mL	PCB-1016 Peak 1	2 ug/mL
							PCB-1016 Peak 2	2 ug/mL
							PCB-1016 Peak 3	2 ug/mL
							PCB-1016 Peak 4	2 ug/mL
							PCB-1016 Peak 5	2 ug/mL
							PCB-1260 Peak 1	2 ug/mL
							PCB-1260 Peak 2	2 ug/mL
							PCB-1260 Peak 3	2 ug/mL
							PCB-1260 Peak 4	2 ug/mL
							PCB-1260 Peak 5	2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660ICV@1.0_00015	04/21/16	11/03/15	HEXANE, Lot 0000101243	10 mL	SGPCBIS STOCk_00003	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@1.0_00015	04/21/16	11/03/15	HEXANE, Lot 0000101243	10 mL	SG1660ICV@100_00005	0.1 mL	Aroclor-1016	1 ug/mL
							Aroclor-1260	1 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1660ICV@100_00005	10/28/16	10/28/15	HEXANE, Lot 0000101243	10 mL	SG 1660 ICV_00012	1 mL	Aroclor-1016	100 ug/mL
							Aroclor-1260	100 ug/mL
..SG 1660 ICV_00012	01/30/22		restek, Lot a0114674		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00016	04/22/16	11/13/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00019	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00010	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.2PPM_00012	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	Aroclor-1221	0.5 ug/mL
							Aroclor-1254	0.5 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	Aroclor-1221	10 ug/mL
							Aroclor-1254	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
							Aroclor-1254	1000 ug/mL
SG2154@1.0PPM_00014	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	10 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@2.0PPM_00011	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@O.1PPM_00013	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.05PPM_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	0.5 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21	Restelk, Lot A0108264			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18	Restek, Lot A0108735			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	2 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.1PPM_00006	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	1 mL	PCB-1232 Peak 1	100 ug/L
							PCB-1232 Peak 2	100 ug/L
							PCB-1232 Peak 3	100 ug/L
							PCB-1232 Peak 4	100 ug/L
							PCB-1232 Peak 5	100 ug/L
							PCB-1262 Peak 1	100 ug/L
							PCB-1262 Peak 2	100 ug/L
							PCB-1262 Peak 3	100 ug/L
							PCB-1262 Peak 4	100 ug/L
							PCB-1262 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	PCB-1232 Peak 1	500 ug/L
							PCB-1232 Peak 2	500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	500 ug/L
							PCB-1232 Peak 4	500 ug/L
							PCB-1232 Peak 5	500 ug/L
							PCB-1262 Peak 1	500 ug/L
							PCB-1262 Peak 2	500 ug/L
							PCB-1262 Peak 3	500 ug/L
							PCB-1262 Peak 4	500 ug/L
							PCB-1262 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	Aroclor-1232	500 ug/L
							PCB-1262	500 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	Aroclor-1232	10000 ug/L
							PCB-1262	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
							PCB-1262	1000 ug/mL
SG3262@1.0PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	10 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@2.0ppm_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	20 mL	PCB-1232 Peak 1	2000 ug/L
							PCB-1232 Peak 2	2000 ug/L
							PCB-1232 Peak 3	2000 ug/L
							PCB-1232 Peak 4	2000 ug/L
							PCB-1232 Peak 5	2000 ug/L
							PCB-1262 Peak 1	2000 ug/L
							PCB-1262 Peak 2	2000 ug/L
							PCB-1262 Peak 3	2000 ug/L
							PCB-1262 Peak 4	2000 ug/L
							PCB-1262 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG42/68@1.0PP_00008	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	10 mL	PCB-1242 Peak 1	1000 ug/L
							PCB-1242 Peak 2	1000 ug/L
							PCB-1242 Peak 3	1000 ug/L
							PCB-1242 Peak 4	1000 ug/L
							PCB-1242 Peak 5	1000 ug/L
							PCB-1268 Peak 1	1000 ug/L
							PCB-1268 Peak 2	1000 ug/L
							PCB-1268 Peak 3	1000 ug/L
							PCB-1268 Peak 4	1000 ug/L
							PCB-1268 Peak 5	1000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	0.5 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00006	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	1 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.2PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	2 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG4268@0.5PPM_00007	12/24/15	06/24/15	HEXANE, Lot 0000086560	100 mL	SG42/6810PPM_00002	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18	Restek, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19	Restek, Lot A097795			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18	Restek, Lot A0110081			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18	Restek, Lot A0110081			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG42/6810PPM_00003	5 mL	Aroclor-1242	500 ug/L
							PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 5	500 ug/L
.SG42/6810PPM_00003	10/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG 42/68 STK_00001	1 mL	Aroclor-1242	10000 ug/L
							PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00001	04/30/21		RESTEK, Lot A0108269		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
							PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG4268@2.0PPM_00004	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	20 mL	PCB-1242 Peak 1	2000 ug/L
							PCB-1242 Peak 2	2000 ug/L
							PCB-1242 Peak 3	2000 ug/L
							PCB-1242 Peak 4	2000 ug/L
							PCB-1242 Peak 5	2000 ug/L
							PCB-1268 Peak 1	2000 ug/L
							PCB-1268 Peak 2	2000 ug/L
							PCB-1268 Peak 3	2000 ug/L
							PCB-1268 Peak 4	2000 ug/L
							PCB-1268 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SGDROCAL_00020	10/05/16	10/05/15	MECL2, Lot EXDCM_00187	25 mL	SGDROCALSTK_00019	5 mL	Diesel	10002.5 ug/mL
					SGDROSURROTP_00025	1 mL	o-Terphenyl (Surr)	800 ug/mL
					SGDROSURROTP_00026	1 mL	o-Terphenyl (Surr)	800 ug/mL
.SGDROCALSTK_00019	04/30/22		Restek, Lot A0109723		(Purchased Reagent)		Diesel	50005.8 ug/mL
.SGDROSURROTP_00025	09/30/18		Restek, Lot A0109488		(Purchased Reagent)		o-Terphenyl (Surr)	10062.7 ug/mL
.SGDROSURROTP_00026	09/30/18		Restek, Lot A0109488		(Purchased Reagent)		o-Terphenyl (Surr)	10062.7 ug/mL
SGDROICV_00015	08/26/16	08/26/15	MECL2, Lot 2091477	25 mL	SGDROICVSTK_00008	1 mL	Diesel	2006 ug/mL
.SGDROICVSTK_00008	08/31/18		Ultra, Lot CL-2929		(Purchased Reagent)		Diesel	50150 ug/mL
SGPCBISTD_00003	04/22/16	10/13/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00003	10 mL	1-Bromo-2-nitrobenzene	1 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SMIS80PPMW_00013	07/10/16	07/10/15	MECL2, Lot 0000103549	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
.SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 L1 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1PAH ST_00004	2 uL	1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1PAH ST_00004	05/31/16	01/26/15	MECL2, Lot 0000093871	3 mL	SMLIST1 PAH_00004	300 uL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SURR_00003	60 uL	2-Fluorobiphenyl (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 PAH_00004	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2-Fluorobiphenyl (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L2 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	10 uL	1,1'-Biphenyl	0.5 ug/mL
							1,2,4,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							1,3-Dinitrobenzene	0.5 ug/mL
							1,4-Dichlorobenzene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2,3,4,6-Tetrachlorophenol	0.5 ug/mL
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dichlorophenol	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							3-Nitroaniline	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							4-Nitrophenol	1 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Aniline	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Benzyl alcohol	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Hexadecane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							n-Decane	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenanthrene	0.5 ug/mL
							Phenol	0.5 ug/mL
							Pyrene	0.5 ug/mL
							Pyridine	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Indene	1 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L3 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	20 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,3-Dinitrobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Hexadecane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	1 ug/mL
							Benzoic acid	2 ug/mL
							Indene	2 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L4 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	40 uL	1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,3-Dinitrobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Hexadecane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	2 ug/mL
							Benzoic acid	4 ug/mL
							Indene	4 ug/mL
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Phenol-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L5 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	100 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							1,3-Dinitrobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Nitroaniline	5 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Hexadecane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	5 ug/mL
							Benzoic acid	10 ug/mL
							Indene	10 ug/mL
							Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L6 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	200 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	10 ug/mL
							Benzoic acid	20 ug/mL
							Indene	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L7 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	300 uL	1,1'-Biphenyl	15 ug/mL
							1,2,4,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dinitrobenzene	15 ug/mL
							1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL
							1-Methylnaphthalene	15 ug/mL
							2,3,4,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL
							2,4-Dichlorophenol	15 ug/mL
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dichlorophenol	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL
							2-Chloronaphthalene	15 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitroaniline	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,6-Dinitro-2-methylphenol	30 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							4-Nitroaniline	15 ug/mL
							4-Nitrophenol	30 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Aniline	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Benzyl alcohol	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Hexadecane	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							n-Decane	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	30 ug/mL
							n-Octadecane	15 ug/mL
							Naphthalene	15 ug/mL
							Nitrobenzene	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenanthrene	15 ug/mL
							Phenol	15 ug/mL
							Pyrene	15 ug/mL
							Pyridine	15 ug/mL
							Benzoic acid	30 ug/mL
							Indene	30 ug/mL
							Atrazine	30 ug/mL
							Benzaldehyde	30 ug/mL
							Caprolactam	30 ug/mL
							3,3'-Dichlorobenzidine	30 ug/mL
							Benzidine	30 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L8 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	400 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
							Benzoic acid	40 ug/mL
							Indene	40 ug/mL
							Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
							3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L9 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	500 uL	1,1'-Biphenyl	25 ug/mL
							1,2,4,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dinitrobenzene	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2,3,4,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dichlorophenol	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitroaniline	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,6-Dinitro-2-methylphenol	50 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							4-Nitroaniline	25 ug/mL
							4-Nitrophenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL
							Aniline	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Benzyl alcohol	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL
							Dimethyl phthalate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Hexadecane	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							n-Decane	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	25 ug/mL
							Naphthalene	25 ug/mL
							Nitrobenzene	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenanthrene	25 ug/mL
							Phenol	25 ug/mL
							Pyrene	25 ug/mL
							Pyridine	25 ug/mL
							Benzoic acid	50 ug/mL
							Indene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	50 ug/mL
							Benzaldehyde	50 ug/mL
							Caprolactam	50 ug/mL
							3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMLIST1 SS ST_00005	200 uL	1,1'-Biphenyl	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	10 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMLIST1 SS ST_00005	06/30/16	04/21/15	MECL2, Lot 0000103549	10 mL	SMLIST1 SS S1_00004	1 mL	1,1'-Biphenyl	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SS S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
					SMLIST1SS S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1SS SUR_00002	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 SS S1_00004	06/30/16		Restek, Lot A0107697		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SS S9_00001	07/31/16		Restek, Lot A0108170		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMLIST1SS S11_00001	06/30/16		Restek, Lot A0108042		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1SS SUR_00002	09/30/18		Restek, Lot A092712		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
VGGASCALNEW_00014	09/22/15	06/23/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	C6-C12	100 ug/mL
							Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		C6-C12	2500 ug/mL
							Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCALNEW_00015	12/23/15	09/23/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	C6-C12	100 ug/mL
							Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		C6-C12	2500 ug/mL
							Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCHK_00068	10/27/15	07/27/15	MEOH, Lot 49909	50 mL	VGASCHK_00002	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGASCHK_00002	10/30/19		AccuStandard, Lot B5040009-01		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	5 mg/mL
VGGASCHK_00070	02/04/16	11/04/15	MEOH, Lot 49909	50 mL	VGASCHK_00002	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGASCHK_00002	10/30/19		AccuStandard, Lot B5040009-01		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	5 mg/mL
VGGASURROGATE_00034	01/09/16	10/09/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00019	08/31/16		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00028	09/13/15	03/13/15	MEOH, Lot 0000085233	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16		Ultra Scientific, Lot CL-3192		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250-IS_00029	10/10/15	04/10/15	MEOH, Lot 0000085233	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16		Ultra Scientific, Lot CL-3192		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250-IS_00030	03/17/16	09/17/15	MEOH, Lot +1632000000994941	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16	Ultra Scientific, Lot CL-3192			(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250SS_00031	11/29/15	05/29/15	MEOH, Lot +161620000085233JB	50 mL	VM567650_00021	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00021	04/30/19	Restek, Lot A0102817			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM250SS_00033	02/09/16	11/09/15	MEOH, Lot +171940000118655JM	50 mL	VM567650_00023	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00023	06/30/19	Restek, Lot A0104073			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM50IS_00050	12/11/15	06/11/15	MEOH, Lot 85233	100 mL	vm30241_00002	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00002	11/30/19	restek, Lot A0107133			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
VM50IS_00052	04/15/16	10/15/15	MEOH, Lot 99494	100 mL	vm30241_00002	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00002	11/30/19	restek, Lot A0107133			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00210	08/05/15	07/29/15	MEOH, Lot na	2 mL	vm50ss_stk_00065	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00065	09/08/15	03/08/15	MEOH, Lot 0000085233	200 mL	VM567650_00021	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00021	04/30/19	Restek, Lot A0102817			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
vm50ss_00213	09/02/15	08/26/15	MEOH, Lot na	2 mL	vm50ss_stk_00065	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00065	09/08/15	03/08/15	MEOH, Lot 0000085233	200 mL	VM567650_00021	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00021	04/30/19		Restek, Lot A0102817		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00220	11/23/15	11/16/15	MEOH, Lot na	2 mL	vm50ss_stk_00067	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00067	04/05/16	10/05/15	MEOH, Lot 0000099494	200 mL	VM567650_00023	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00067	04/05/16	10/05/15	MEOH, Lot 0000099494	200 mL	VM567650_00023	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00109	07/31/15	07/24/15	MEOH, Lot na	3 mL	VMACROLSTD_00027	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00027	07/31/15	07/08/15	MEOH, Lot +161620000085233JB	20 mL	VM568720_00007	0.25 mL	Acrolein	250 ug/mL
..VM568720_00007	07/31/15		restek, Lot A0109948		(Purchased Reagent)		Acrolein	20000 ug/mL
VMAROLISTDW_00114	09/08/15	09/01/15	MEOH, Lot na	3 mL	VMACROLSTD_00029	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00029	09/30/15	09/01/15	MEOH, Lot 147358	20 mL	VM568720_00008	250 uL	Acrolein	250 ug/mL
..VM568720_00008	09/30/15		restek, Lot A0111006		(Purchased Reagent)		Acrolein	20000 ug/mL
VMAROLISTDW_00125	11/23/15	11/16/15	MEOH, Lot na	3 mL	VMACROLSTD_00031	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00031	11/30/15	11/01/15	MEOH, Lot 0000118655	20 mL	VM568720_00009	250 uL	Acrolein	250 ug/mL
..VM568720_00009	11/30/15		restek, Lot A0112264		(Purchased Reagent)		Acrolein	20000 ug/mL
VMFASA9W_00077	11/23/15	11/16/15	MEOH, Lot NA	2 mL	VMFASA9_00005	2 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMFASA9_00005	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	100 mL	VM568723S_00001	2.5 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725S_00001	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
..VM568723S_00001	04/30/16	restek, Lot A0102749			(Purchased Reagent)		Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725S_00001	11/30/15	restek, Lot A0111261			(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
VMFASG_00033	09/29/15	08/29/15	MEOH, Lot 147358	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VM567645S_00016	11/30/15	Restek, Lot A099261			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00123	11/19/15	11/12/15	MEOH, Lot NA	2 mL	VMFASG_00035	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00035	11/30/15	10/27/15	MEOH, Lot 0000118655	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15	Restek, Lot A099261			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00124	11/23/15	11/16/15	MEOH, Lot NA	2 mL	VMFASG_00036	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00036	11/30/15	11/16/15	MEOH, Lot 0000118655	50 mL	VM567645S_00016	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00016	11/30/15		Restek, Lot A099261		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASPW_00114	09/08/15	09/01/15	MEOH, Lot n/a	2 mL	VMRFASP_00022	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00022	10/31/15	07/28/15	MEOH, Lot 147358	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00002	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00002	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00002	03/31/18		Restek, Lot A0110013		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00002	10/31/15		Restek, Lot A0110474		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMFASPW_00126	11/19/15	11/12/15	MEOH, Lot n/a	2 mL	VMRFASP_00024	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00024	01/31/16	11/01/15	MEOH, Lot 0000118655	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00001	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00003	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00001	01/31/18		Restek, Lot A0108188		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00003	01/31/16		Restek, Lot A0112364		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMFASPW_00127	11/27/15	11/20/15	MEOH, Lot n/a	2 mL	VMRFASP_00024	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00024	01/31/16	11/01/15	MEOH, Lot 0000118655	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00001	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00003	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00001	01/31/18		Restek, Lot A0108188		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM569724S_00003	01/31/16	Restek, Lot A0112364			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRA9W_00115	07/22/15	07/15/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00001	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16	Restek, Lot A093361			(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15	restek, Lot A099930			(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15	restek, Lot A0111228			(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00001	04/30/17		Restek, Lot A0110130		(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRA9W_00119	08/17/15	08/10/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00001	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15		restek, Lot A099930		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15		restek, Lot A0111228		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00001	04/30/17		Restek, Lot A0110130		(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRA9W_00131	11/23/15	11/16/15	MEOH, Lot NA	1 mL	VMRA9_00013	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00013	11/30/15	06/30/15	MEOH, Lot +161620000085233jb	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00002	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00001	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16		Restek, Lot A093361		(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15		restek, Lot A099930		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00002	11/30/15		restek, Lot A0111228		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00001	04/30/17		Restek, Lot A0110130		(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRGAS_00112	08/04/15	07/28/15	MEOH, Lot 147358	10 mL	vm569722_00001	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00001	01/31/18		Restek, Lot A0108198		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00116	09/05/15	08/29/15	MEOH, Lot 147358	10 mL	vm569722_00002	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00002	01/31/18		Restek, Lot A0108198		(Purchased Reagent)		Bromomethane	2500 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00126	11/20/15	11/13/15	MEOH, Lot 0000118655	10 mL	vm569722_00003	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00003	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRPRIMW_00140	07/31/15	07/24/15	MEOH, Lot NA	1 mL	VMRPRIM_00012	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00012	08/31/15	05/27/15	MEOH, Lot +161620000085233JB	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00001	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00001	08/31/15		Restek, Lot A0109190		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00146	09/08/15	09/01/15	MEOH, Lot NA	1 mL	VMRPRIM_00013	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	50 ug/mL
.VMRPRIM_00013	10/31/15	09/01/15	MEOH, Lot 147358	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00002	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00002	10/31/15		Restek, Lot A0110407		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00157	11/23/15	11/16/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00003	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16	Restek, Lot A093365			(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16	restek, Lot A093368			(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00003	01/31/16	Restek, Lot A0112975			(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00157	11/23/15	11/16/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	Xylenes, Total	100 ug/mL
..VM567641_00013	02/29/16	restek, Lot A093581			(Purchased Reagent)		Xylenes, Total	4000 ug/mL
VMUX8SS_00022	01/11/16	10/11/15	MEOH, Lot 0000099494	100 mL	VMCUS8125_00009	866 uL	1,2-Dichloroethane-d4 (Surr)	216.5 ug/mL
							4-Bromofluorobenzene (Surr)	216.5 ug/mL
							Dibromofluoromethane (Surr)	216.5 ug/mL
							Toluene-d8 (Surr)	216.5 ug/mL
.VMCUS8125_00009	09/30/16	Ultra Scientific, Lot CJ-3208			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	25000 ug/mL
							4-Bromofluorobenzene (Surr)	25000 ug/mL
							Dibromofluoromethane (Surr)	25000 ug/mL
							Toluene-d8 (Surr)	25000 ug/mL

Certification Summary

Client: Tetra Tech, Inc. TestAmerica Job ID: 240-57930-1
Project/Site: LM MRC Block F UST Pipe Inv.

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	State Program	9	2927
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky (UST)	State Program	4	58
TestAmerica Canton	Kentucky (WW)	State Program	4	98016
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Oregon	NELAP	10	4062
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	T104704517-15-5
TestAmerica Canton	USDA	Federal		P330-13-00319
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
F-VS-UST-P-1	240-57930-1	100	104	104	97
F-VS-UST-P-2	240-57930-2	92	98	94	91
F-VS-UST-P-2	240-57930-2	92	95	103	105
F-VS-UST-P-2	240-57930-2	94	88	110	93
F-VS-UST-P-3	240-57930-3	91	91	94	89
F-VS-UST-P-4	240-57930-4	87	85	111	102 *
F-VB-UST-P-1	240-57930-5	89	90	89	78
F-VB-UST-P-2	240-57930-6	95	100	89	79
F-VB-UST-P-3	240-57930-7	99	105	94	82
F-VB-UST-P-4	240-57930-8	103	113	96	89
F-VB-UST-P-5	240-57930-9	86	89	84	76
F-VB-UST-P-6	240-57930-10	97	105	93	86
F-VS-UST-P-DUP	240-57930-11	89	94	90	83
	MB 240-207343/6	91	95	87	76
	MB 240-207560/6	98	102	92	82
	MB 240-207720/8	117	114	120	114
	LCS 240-207343/5	97	94	91	80
	LCS 240-207343/7	90	92	89	80
	LCS 240-207560/5	98	98	92	81
	LCS 240-207560/7	95	94	89	83
	LCS 240-207720/6	105	100	104	96
	240-57921-A-4-J MS	52	93	90	83
	240-57972-C-3-C MS	101	94	101	98
	240-57921-A-4-K MSD	49	93	90	84
	240-57972-C-3-D MSD	98	95	101	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-111315	240-57930-12	81	83	82	75
	MB 240-207096/6	82	82	82	75
	LCS 240-207096/4	90	90	90	85
	200-30727-B-1 MS	81	81	84	80
	200-30727-B-1 MSD	84	80	84	80

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3068.D

Lab ID: LCS 240-207096/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	10.0	9.46	95	80-120	
1,1,1-Trichloroethane	10.0	9.11	91	77-123	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	71-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.72	97	67-138	
1,1-Dichloroethane	10.0	9.27	93	79-125	
1,1-Dichloroethene	10.0	9.08	91	76-124	
1,1-Dichloropropene	10.0	10.0	100	80-128	
1,2,3-Trichlorobenzene	10.0	5.89	59	66-120	*
1,2,3-Trichloropropane	10.0	10.0	100	72-126	
1,2,4-Trichlorobenzene	10.0	6.37	64	61-120	
1,2,4-Trimethylbenzene	10.0	9.26	93	76-120	
1,2-Dibromo-3-Chloropropane	10.0	8.37	84	50-132	
1,2-Dichlorobenzene	10.0	9.01	90	79-120	
1,2-Dichloroethane	10.0	9.37	94	80-120	
1,2-Dichloropropane	10.0	9.44	94	78-124	
1,3-Dichlorobenzene	10.0	9.15	91	79-120	
1,3-Dichloropropane	10.0	9.46	95	80-120	
1,4-Dichlorobenzene	10.0	9.15	91	79-120	
2,2-Dichloropropane	10.0	7.77	78	71-122	
2-Butanone (MEK)	20.0	19.0	95	56-138	
2-Chloroethyl vinyl ether	10.0	9.41 J	94	54-139	
2-Chlorotoluene	10.0	9.78	98	80-120	
2-Hexanone	20.0	19.2	96	55-141	
4-Chlorotoluene	10.0	9.88	99	80-120	
p-Isopropyltoluene	10.0	9.20	92	77-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.8	94	64-135	
Acetone	20.0	18.4	92	34-148	
Benzene	10.0	9.16	92	80-120	
Bromobenzene	10.0	9.75	98	80-120	
Bromoform	10.0	8.92	89	56-122	
Bromomethane	10.0	8.49	85	38-132	
Carbon disulfide	10.0	8.54	85	65-144	
Carbon tetrachloride	10.0	9.28	93	77-131	
Chlorobenzene	10.0	9.38	94	80-120	
Dibromochloromethane	10.0	9.64	96	74-120	
Chloroethane	10.0	8.47	85	36-126	
Chloroform	10.0	9.47	95	80-120	
Chloromethane	10.0	8.43	84	48-133	
cis-1,2-Dichloroethene	10.0	9.25	92	79-120	
cis-1,3-Dichloropropene	10.0	9.55	96	74-126	
Dibromomethane	10.0	9.34	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3068.D

Lab ID: LCS 240-207096/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	10.0	9.25	93	80-120	
Dichlorodifluoromethane	10.0	6.79	68	23-136	
Bromodichloromethane	10.0	9.05	90	80-120	
tert-Butyl alcohol (TBA)	100	73.6	74	38-144	
Ethylbenzene	10.0	9.52	95	80-120	
Hexachlorobutadiene	10.0	6.28	63	62-120	
Isopropylbenzene	10.0	9.49	95	77-120	
Methyl tert-butyl ether	10.0	8.83	88	69-121	
Methylene Chloride	10.0	10.9	109	77-129	
m-Xylene & p-Xylene	10.0	9.72	97	80-120	
Naphthalene	10.0	6.29	63	53-121	
n-Butylbenzene	10.0	8.80	88	74-120	
N-Propylbenzene	10.0	10.1	101	79-123	
o-Xylene	10.0	9.71	97	80-120	
sec-Butylbenzene	10.0	9.36	94	77-120	
Styrene	10.0	9.41	94	76-122	
Tetrachloroethene	10.0	9.47	95	78-121	
Toluene	10.0	9.21	92	80-120	
trans-1,2-Dichloroethene	10.0	9.18	92	80-124	
trans-1,3-Dichloropropene	10.0	9.95	100	75-131	
Trichloroethene	10.0	9.58	96	80-121	
Trichlorofluoromethane	10.0	9.63	96	61-133	
Vinyl acetate	10.0	7.50	75	27-160	
Vinyl chloride	10.0	8.72	87	52-121	
Xylenes, Total	20.0	19.4	97	80-120	
tert-Butylbenzene	10.0	9.70	97	77-121	
1,2-Dibromoethane	10.0	9.91	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146534.D

Lab ID: LCS 240-207343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.0	105	80-120	
1,1,1-Trichloroethane	20.0	22.4	112	77-126	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	101	80-138	
1,1-Dichloroethane	20.0	18.2	91	76-120	
1,1-Dichloroethene	20.0	17.0	85	75-135	
1,1-Dichloropropene	20.0	19.3	97	80-120	
1,2,3-Trichlorobenzene	20.0	18.7	93	61-121	
1,2,3-Trichloropropane	20.0	20.0	100	80-126	
1,2,4-Trichlorobenzene	20.0	18.7	93	64-124	
1,2,4-Trimethylbenzene	20.0	18.7	94	80-129	
1,2-Dibromo-3-Chloropropane	20.0	18.1	90	61-132	
1,2-Dichlorobenzene	20.0	18.0	90	76-120	
1,2-Dichloroethane	20.0	19.6	98	72-120	
1,2-Dichloropropane	20.0	16.9	84	80-120	
1,3-Dichlorobenzene	20.0	17.9	89	78-120	
1,3-Dichloropropane	20.0	17.4	87	80-120	
1,4-Dichlorobenzene	20.0	17.6	88	75-120	
2,2-Dichloropropane	20.0	22.1	111	69-135	
2-Butanone (MEK)	40.0	26.6	67	52-131	
2-Chloroethyl vinyl ether	20.0	12.5 J	62	28-173	
2-Chlorotoluene	20.0	19.3	97	78-120	
2-Hexanone	40.0	30.6	76	64-136	
4-Chlorotoluene	20.0	19.5	97	79-120	
p-Isopropyltoluene	20.0	19.3	97	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	30.2	76	67-135	
Acetone	40.0	36.6	92	41-137	
Benzene	20.0	18.3	91	79-120	
Bromobenzene	20.0	19.7	99	80-120	
Bromoform	20.0	16.8	84	62-133	
Bromomethane	20.0	18.2	91	42-136	
Carbon disulfide	20.0	16.2	81	62-146	
Carbon tetrachloride	20.0	22.6	113	71-129	
Chlorobenzene	20.0	18.9	95	78-120	
Dibromochloromethane	20.0	18.3	91	72-127	
Chloroethane	20.0	17.0	85	58-120	
Chloroform	20.0	19.9	100	77-120	
Chloromethane	20.0	13.3	67	50-120	
cis-1,2-Dichloroethene	20.0	20.0	100	76-120	
cis-1,3-Dichloropropene	20.0	16.5	82	74-128	
Dibromomethane	20.0	19.1	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146534.D

Lab ID: LCS 240-207343/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	20.6	103	79-120	
Dichlorodifluoromethane	20.0	16.4	82	26-120	
Bromodichloromethane	20.0	18.4	92	80-122	
tert-Butyl alcohol (TBA)	200	135 J	68	60-125	
Ethylbenzene	20.0	19.3	97	79-120	
Hexachlorobutadiene	20.0	19.5	97	54-131	
Isopropylbenzene	20.0	19.6	98	76-122	
Methyl tert-butyl ether	20.0	18.0	90	49-165	
Methylene Chloride	20.0	15.3	76	75-120	
m-Xylene & p-Xylene	20.0	18.8	94	80-120	
Naphthalene	20.0	16.8	84	65-123	
n-Butylbenzene	20.0	18.9	95	68-135	
N-Propylbenzene	20.0	19.0	95	80-129	
o-Xylene	20.0	20.1	101	80-120	
sec-Butylbenzene	20.0	18.6	93	74-129	
Styrene	20.0	18.2	91	80-120	
Tetrachloroethene	20.0	20.1	101	79-120	
Toluene	20.0	19.5	97	75-120	
trans-1,2-Dichloroethene	20.0	20.1	100	78-120	
trans-1,3-Dichloropropene	20.0	18.1	90	73-131	
Trichloroethene	20.0	20.3	102	79-120	
Trichlorofluoromethane	20.0	20.8	104	57-146	
Vinyl acetate	20.0	15.5	77	70-130	
Vinyl chloride	20.0	14.2	71	57-120	
Xylenes, Total	40.0	38.9	97	80-120	
tert-Butylbenzene	20.0	19.0	95	76-126	
1,2-Dibromoethane	20.0	20.0	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146567.D

Lab ID: LCS 240-207560/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.2	106	80-120	
1,1,1-Trichloroethane	20.0	23.2	116	77-126	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.0	110	80-138	
1,1-Dichloroethane	20.0	18.9	94	76-120	
1,1-Dichloroethene	20.0	18.5	92	75-135	
1,1-Dichloropropene	20.0	21.0	105	80-120	
1,2,3-Trichlorobenzene	20.0	19.1	96	61-121	
1,2,3-Trichloropropane	20.0	18.4	92	80-126	
1,2,4-Trichlorobenzene	20.0	19.0	95	64-124	
1,2,4-Trimethylbenzene	20.0	19.3	97	80-129	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	61-132	
1,2-Dichlorobenzene	20.0	18.8	94	76-120	
1,2-Dichloroethane	20.0	20.7	104	72-120	
1,2-Dichloropropane	20.0	17.5	87	80-120	
1,3-Dichlorobenzene	20.0	18.4	92	78-120	
1,3-Dichloropropane	20.0	18.4	92	80-120	
1,4-Dichlorobenzene	20.0	18.1	91	75-120	
2,2-Dichloropropane	20.0	23.0	115	69-135	
2-Butanone (MEK)	40.0	30.7	77	52-131	
2-Chloroethyl vinyl ether	20.0	13.8 J	69	28-173	
2-Chlorotoluene	20.0	19.4	97	78-120	
2-Hexanone	40.0	32.4	81	64-136	
4-Chlorotoluene	20.0	19.4	97	79-120	
p-Isopropyltoluene	20.0	19.9	99	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	31.6	79	67-135	
Acetone	40.0	33.8	84	41-137	
Benzene	20.0	18.6	93	79-120	
Bromobenzene	20.0	20.2	101	80-120	
Bromoform	20.0	17.5	88	62-133	
Bromomethane	20.0	18.6	93	42-136	
Carbon disulfide	20.0	16.2	81	62-146	
Carbon tetrachloride	20.0	22.9	115	71-129	
Chlorobenzene	20.0	19.5	98	78-120	
Dibromochloromethane	20.0	18.4	92	72-127	
Chloroethane	20.0	18.5	92	58-120	
Chloroform	20.0	20.8	104	77-120	
Chloromethane	20.0	14.3	72	50-120	
cis-1,2-Dichloroethene	20.0	20.5	102	76-120	
cis-1,3-Dichloropropene	20.0	17.9	89	74-128	
Dibromomethane	20.0	21.3	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146567.D

Lab ID: LCS 240-207560/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	20.9	105	79-120	
Dichlorodifluoromethane	20.0	15.4	77	26-120	
Bromodichloromethane	20.0	19.3	96	80-122	
tert-Butyl alcohol (TBA)	200	159 J	80	60-125	
Ethylbenzene	20.0	20.0	100	79-120	
Hexachlorobutadiene	20.0	20.9	105	54-131	
Isopropylbenzene	20.0	20.5	102	76-122	
Methyl tert-butyl ether	20.0	18.8	94	49-165	
Methylene Chloride	20.0	15.3	76	75-120	
m-Xylene & p-Xylene	20.0	19.9	99	80-120	
Naphthalene	20.0	17.7	88	65-123	
n-Butylbenzene	20.0	19.4	97	68-135	
N-Propylbenzene	20.0	19.3	96	80-129	
o-Xylene	20.0	20.3	102	80-120	
sec-Butylbenzene	20.0	19.4	97	74-129	
Styrene	20.0	18.4	92	80-120	
Tetrachloroethene	20.0	20.7	104	79-120	
Toluene	20.0	19.9	100	75-120	
trans-1,2-Dichloroethene	20.0	20.8	104	78-120	
trans-1,3-Dichloropropene	20.0	19.3	97	73-131	
Trichloroethene	20.0	20.4	102	79-120	
Trichlorofluoromethane	20.0	21.9	109	57-146	
Vinyl acetate	20.0	17.2	86	70-130	
Vinyl chloride	20.0	14.8	74	57-120	
Xylenes, Total	40.0	40.2	101	80-120	
tert-Butylbenzene	20.0	19.2	96	76-126	
1,2-Dibromoethane	20.0	20.9	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX80877.D

Lab ID: LCS 240-207720/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	49.7	99	80-120	
1,1,1-Trichloroethane	50.0	49.6	99	77-126	
1,1,2,2-Tetrachloroethane	50.0	49.8	100	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.8	104	80-138	
1,1-Dichloroethane	50.0	48.9	98	76-120	
1,1-Dichloroethene	50.0	48.3	97	75-135	
1,1-Dichloropropene	50.0	52.2	104	80-120	
1,2,3-Trichlorobenzene	50.0	45.0	90	61-121	
1,2,3-Trichloropropane	50.0	52.8	106	80-126	
1,2,4-Trichlorobenzene	50.0	46.3	93	64-124	
1,2,4-Trimethylbenzene	50.0	49.4	99	80-129	
1,2-Dibromo-3-Chloropropane	50.0	48.6	97	61-132	
1,2-Dichlorobenzene	50.0	46.6	93	76-120	
1,2-Dichloroethane	50.0	49.9	100	72-120	
1,2-Dichloropropane	50.0	47.1	94	80-120	
1,3-Dichlorobenzene	50.0	45.9	92	78-120	
1,3-Dichloropropane	50.0	46.0	92	80-120	
1,4-Dichlorobenzene	50.0	45.5	91	75-120	
2,2-Dichloropropane	50.0	44.2	88	69-135	
2-Butanone (MEK)	100	98.6	99	52-131	
2-Chloroethyl vinyl ether	50.0	NC	NaN	28-173	
2-Chlorotoluene	50.0	48.0	96	78-120	
2-Hexanone	100	102	102	64-136	
4-Chlorotoluene	50.0	45.9	92	79-120	
p-Isopropyltoluene	50.0	50.3	101	77-131	
4-Methyl-2-pentanone (MIBK)	100	107	107	67-135	
Acetone	100	111	111	41-137	
Benzene	50.0	46.8	94	79-120	
Bromobenzene	50.0	46.6	93	80-120	
Bromoform	50.0	49.8	100	62-133	
Bromomethane	50.0	56.1	112	42-136	
Carbon disulfide	50.0	50.4	101	62-146	
Carbon tetrachloride	50.0	53.3	107	71-129	
Chlorobenzene	50.0	45.5	91	78-120	
Dibromochloromethane	50.0	52.7	105	72-127	
Chloroethane	50.0	49.4	99	58-120	
Chloroform	50.0	49.5	99	77-120	
Chloromethane	50.0	50.8	102	50-120	
cis-1,2-Dichloroethene	50.0	48.3	97	76-120	
cis-1,3-Dichloropropene	50.0	48.3	97	74-128	
Dibromomethane	50.0	49.9	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX80877.D

Lab ID: LCS 240-207720/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	50.0	49.5	99	79-120	
Dichlorodifluoromethane	50.0	52.4	105	26-120	
Bromodichloromethane	50.0	50.4	101	80-122	
tert-Butyl alcohol (TBA)	500	440	88	60-125	
Ethylbenzene	50.0	45.5	91	79-120	
Hexachlorobutadiene	50.0	48.6	97	54-131	
Isopropylbenzene	50.0	50.1	100	76-122	
Methyl tert-butyl ether	50.0	47.8	96	49-165	
Methylene Chloride	50.0	52.3	105	75-120	
m-Xylene & p-Xylene	50.0	46.2	92	80-120	
Naphthalene	50.0	52.0	104	65-123	
n-Butylbenzene	50.0	50.0	100	68-135	
N-Propylbenzene	50.0	48.6	97	80-129	
o-Xylene	50.0	47.8	96	80-120	
sec-Butylbenzene	50.0	51.0	102	74-129	
Styrene	50.0	45.9	92	80-120	
Tetrachloroethene	50.0	45.4	91	79-120	
Toluene	50.0	45.5	91	75-120	
trans-1,2-Dichloroethene	50.0	48.7	97	78-120	
trans-1,3-Dichloropropene	50.0	42.9	86	73-131	
Trichloroethene	50.0	48.9	98	79-120	
Trichlorofluoromethane	50.0	50.8	102	57-146	
Vinyl acetate	50.0	39.2	78	70-130	
Vinyl chloride	50.0	49.9	100	57-120	
Xylenes, Total	100	94.0	94	80-120	
tert-Butylbenzene	50.0	55.3	111	76-126	
1,2-Dibromoethane	50.0	48.6	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3079.D

Lab ID: 200-30727-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	500	14 U	486	97	72-120	
1,1,1-Trichloroethane	500	22 U	466	93	69-122	
1,1,2,2-Tetrachloroethane	500	11 U	484	97	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	23 U	502	100	44-140	
1,1-Dichloroethane	500	15 U	477	95	73-124	
1,1-Dichloroethene	500	23 U	485	97	67-124	
1,1-Dichloropropene	500	21 U	526	105	81-126	
1,2,3-Trichlorobenzene	500	19 U	409	82	46-120	
1,2,3-Trichloropropane	500	22 U	498	100	58-135	
1,2,4-Trichlorobenzene	500	16 U	426	85	48-120	
1,2,4-Trimethylbenzene	500	21 U	477	95	64-122	
1,2-Dibromo-3-Chloropropane	500	41 U	381	76	42-130	
1,2-Dichlorobenzene	500	13 U	475	95	67-118	
1,2-Dichloroethane	500	12 U	489	98	74-125	
1,2-Dichloropropane	500	13 U	483	97	73-122	
1,3-Dichlorobenzene	500	9.5 U	468	94	65-120	
1,3-Dichloropropane	500	9.5 U	483	97	59-133	
1,4-Dichlorobenzene	500	14 U	472	94	66-120	
2,2-Dichloropropane	500	13 U	402	80	48-126	
2-Butanone (MEK)	1000	27 U	953	95	49-132	
2-Chloroethyl vinyl ether	500	30 U	278 J	56	10-150	
2-Chlorotoluene	500	20 U	484	97	70-122	
2-Hexanone	1000	24 U	954	95	49-142	
4-Chlorotoluene	500	15 U	501	100	74-120	
p-Isopropyltoluene	500	22 U	475	95	61-123	
4-Methyl-2-pentanone (MIBK)	1000	50 U	957	96	58-136	
Acetone	1000	47 U	998	100	32-126	
Benzene	500	18 U	471	94	73-121	
Bromobenzene	500	18 U	486	97	73-120	
Bromoform	500	28 U	419	84	45-121	
Bromomethane	500	22 U	402	80	26-136	
Carbon disulfide	500	19 U	465	93	54-144	
Carbon tetrachloride	500	22 U	475	95	65-129	
Chlorobenzene	500	13 U	482	96	72-120	
Dibromochloromethane	500	22 U	458	92	62-122	
Chloroethane	500	16 U	426	85	27-131	
Chloroform	500	13 U	488	98	73-121	
Chloromethane	500	22 U	356	71	39-134	
cis-1,2-Dichloroethene	500	1200	1660	95	66-124	
cis-1,3-Dichloropropene	500	23 U	470	94	60-120	
Dibromomethane	500	21 U	479	96	63-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3079.D

Lab ID: 200-30727-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Bromochloromethane	500	25 U	481	96	60-132	
Dichlorodifluoromethane	500	16 U	360	72	14-137	
Bromodichloromethane	500	15 U	458	92	72-120	
Ethylbenzene	500	13 U	489	98	68-121	
Hexachlorobutadiene	500	18 U	395	79	48-120	
Isopropylbenzene	500	18 U	498	100	61-122	
Methyl tert-butyl ether	500	10 U	443	89	61-121	
Methylene Chloride	500	52	578	105	70-124	
m-Xylene & p-Xylene	500	12 U	509	102	66-123	
Naphthalene	500	23 U	498	100	38-128	
n-Butylbenzene	500	16 U	473	95	54-126	
N-Propylbenzene	500	20 U	516	103	63-129	
o-Xylene	500	13 U	501	100	68-121	
sec-Butylbenzene	500	24 U	489	98	61-123	
Styrene	500	23 U	487	97	64-126	
Tetrachloroethene	500	660	1140	96	59-125	
Toluene	500	12 U	483	97	72-122	
trans-1,2-Dichloroethene	500	15 U	493	99	72-125	
trans-1,3-Dichloropropene	500	28 U	474	95	58-132	
Trichloroethene	500	590	1110	103	61-129	
Trichlorofluoromethane	500	25 U	455	91	49-133	
Vinyl acetate	500	21 U	376	75	26-189	
Vinyl chloride	500	290	693	80	44-122	
Xylenes, Total	1000	26 U	1010	101	67-122	
tert-Butylbenzene	500	21 U	484	97	63-122	
1,2-Dibromoethane	500	16 U	494	99	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146590.D

Lab ID: 240-57921-A-4-J MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.2	0.65 U	20.0	99	51-128	
1,1,2,2-Tetrachloroethane	20.2	0.31 U	0.31 U	0	16-179	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.2	0.42 U	21.1	104	50-147	
1,1-Dichloroethane	20.2	0.34 U	16.3	80	54-122	
1,1-Dichloroethene	20.2	0.79 U	24.7	122	49-157	
1,2,4-Trichlorobenzene	20.2	0.38 U	9.56	47	10-120	
1,2-Dibromo-3-Chloropropane	20.2	2.7 U	6.61 J	33	10-153	
1,2-Dichlorobenzene	20.2	0.34 U	11.6	57	17-122	
1,2-Dichloroethane	20.2	0.46 U	18.3	90	49-123	
1,2-Dichloropropane	20.2	0.14 U	15.3	75	61-120	
1,3-Dichlorobenzene	20.2	0.69 U	10.5	52	16-126	
1,4-Dichlorobenzene	20.2	0.28 U	10.3	51	15-121	
2-Butanone (MEK)	40.5	2.9 J	32.2	72	30-143	
2-Hexanone	40.5	1.3 J	29.9	71	37-147	
4-Methyl-2-pentanone (MIBK)	40.5	1.2 U	28.0	69	43-147	
Acetone	40.5	34	78.3	110	24-140	
Benzene	20.2	0.89 U	16.0	79	53-120	
Bromoform	20.2	0.24 U	14.0	69	18-129	
Bromomethane	20.2	0.42 U	12.4	61	33-130	
Carbon disulfide	20.2	2.2 J	15.1	64	20-151	
Carbon tetrachloride	20.2	0.65 U	19.5	96	32-137	
Chlorobenzene	20.2	0.53 U	14.1	69	37-120	
Dibromochloromethane	20.2	0.37 U	14.4	71	29-135	
Chloroethane	20.2	0.44 U	15.8	78	45-120	
Chloroform	20.2	0.36 U	18.3	90	53-120	
Chloromethane	20.2	0.78 U	12.2	60	34-120	
cis-1,2-Dichloroethene	20.2	0.28 U	17.3	85	50-120	
cis-1,3-Dichloropropene	20.2	0.71 U	9.86	49	27-133	
Dichlorodifluoromethane	20.2	0.28 U	13.8	68	17-120	
Bromodichloromethane	20.2	0.29 U	14.2	70	35-132	
Ethylbenzene	20.2	0.32 U	14.0	69	30-131	
Isopropylbenzene	20.2	0.20 U	13.3	66	21-134	
Methyl tert-butyl ether	20.2	0.43 U	17.4	86	51-157	
Methylene Chloride	20.2	0.73 U	16.2	80	54-120	
m-Xylene & p-Xylene	20.2	0.42 U	13.6	67	29-131	
o-Xylene	20.2	0.57 U	14.4	71	29-134	
Styrene	20.2	0.40 U	12.7	63	27-127	
Tetrachloroethene	20.2	0.79 U	15.3	76	31-135	
Toluene	20.2	0.40 J	15.9	76	39-129	
trans-1,2-Dichloroethene	20.2	0.32 U	17.3	85	50-123	
trans-1,3-Dichloropropene	20.2	0.29 U	12.3	61	28-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146590.D

Lab ID: 240-57921-A-4-J MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Trichloroethene	20.2	0.38 U	31.6	156	10-177	
Trichlorofluoromethane	20.2	0.29 U	18.7	93	36-142	
Vinyl chloride	20.2	0.30 U	13.6	67	42-120	
Xylenes, Total	40.5	0.54 U	28.0	69	30-131	
1,2-Dibromoethane	20.2	0.53 U	17.1	85	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX80889.D

Lab ID: 240-57972-C-3-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	54.2	6.4 U	37.4	69	24-140	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3080.D

Lab ID: 200-30727-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	500	467	93	4	22	72-120	
1,1,1-Trichloroethane	500	479	96	3	14	69-122	
1,1,2,2-Tetrachloroethane	500	485	97	0	18	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	518	104	3	35	44-140	
1,1-Dichloroethane	500	479	96	0	14	73-124	
1,1-Dichloroethene	500	504	101	4	24	67-124	
1,1-Dichloropropene	500	514	103	2	11	81-126	
1,2,3-Trichlorobenzene	500	414	83	1	35	46-120	
1,2,3-Trichloropropane	500	491	98	1	25	58-135	
1,2,4-Trichlorobenzene	500	425	85	0	28	48-120	
1,2,4-Trimethylbenzene	500	470	94	2	14	64-122	
1,2-Dibromo-3-Chloropropane	500	387	77	2	24	42-130	
1,2-Dichlorobenzene	500	465	93	2	15	67-118	
1,2-Dichloroethane	500	487	97	0	24	74-125	
1,2-Dichloropropane	500	486	97	1	15	73-122	
1,3-Dichlorobenzene	500	469	94	0	15	65-120	
1,3-Dichloropropane	500	483	97	0	35	59-133	
1,4-Dichlorobenzene	500	465	93	1	16	66-120	
2,2-Dichloropropane	500	410	82	2	30	48-126	
2-Butanone (MEK)	1000	997	100	4	19	49-132	
2-Chloroethyl vinyl ether	500	254 J	51	9	30	10-150	
2-Chlorotoluene	500	485	97	0	18	70-122	
2-Hexanone	1000	985	98	3	27	49-142	
4-Chlorotoluene	500	486	97	3	15	74-120	
p-Isopropyltoluene	500	477	95	0	27	61-123	
4-Methyl-2-pentanone (MIBK)	1000	965	96	1	32	58-136	
Acetone	1000	1070	107	7	28	32-126	
Benzene	500	469	94	1	13	73-121	
Bromobenzene	500	494	99	2	13	73-120	
Bromoform	500	416	83	1	19	45-121	
Bromomethane	500	420	84	4	35	26-136	
Carbon disulfide	500	455	91	2	34	54-144	
Carbon tetrachloride	500	485	97	2	20	65-129	
Chlorobenzene	500	477	95	1	15	72-120	
Dibromochloromethane	500	464	93	1	19	62-122	
Chloroethane	500	432	86	1	35	27-131	
Chloroform	500	492	98	1	17	73-121	
Chloromethane	500	379	76	6	20	39-134	
cis-1,2-Dichloroethene	500	1660	94	0	22	66-124	
cis-1,3-Dichloropropene	500	483	97	3	21	60-120	
Dibromomethane	500	478	96	0	35	63-134	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX3080.D

Lab ID: 200-30727-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	500	467	93	3	35	60-132	
Dichlorodifluoromethane	500	354	71	2	34	14-137	
Bromodichloromethane	500	462	92	1	19	72-120	
Ethylbenzene	500	489	98	0	16	68-121	
Hexachlorobutadiene	500	410	82	4	34	48-120	
Isopropylbenzene	500	479	96	4	20	61-122	
Methyl tert-butyl ether	500	457	91	3	12	61-121	
Methylene Chloride	500	579	106	0	14	70-124	
m-Xylene & p-Xylene	500	488	98	4	15	66-123	
Naphthalene	500	431	86	14	35	38-128	
n-Butylbenzene	500	463	93	2	33	54-126	
N-Propylbenzene	500	510	102	1	29	63-129	
o-Xylene	500	492	98	2	14	68-121	
sec-Butylbenzene	500	480	96	2	29	61-123	
Styrene	500	464	93	5	15	64-126	
Tetrachloroethene	500	1160	100	2	20	59-125	
Toluene	500	478	96	1	15	72-122	
trans-1,2-Dichloroethene	500	486	97	1	25	72-125	
trans-1,3-Dichloropropene	500	494	99	4	22	58-132	
Trichloroethene	500	1110	103	0	14	61-129	
Trichlorofluoromethane	500	479	96	5	25	49-133	
Vinyl acetate	500	383	77	2	15	26-189	
Vinyl chloride	500	716	84	3	35	44-122	
Xylenes, Total	1000	980	98	3	14	67-122	
tert-Butylbenzene	500	485	97	0	24	63-122	
1,2-Dibromoethane	500	485	97	2	24	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146591.D

Lab ID: 240-57921-A-4-K MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	19.9	20.2	101	1	30	51-128	
1,1,2,2-Tetrachloroethane	19.9	0.31 U	0	NC	30	16-179	F1
1,1,2-Trichloro-1,2,2-trifluoroethane	19.9	17.4	87	19	30	50-147	
1,1-Dichloroethane	19.9	16.3	82	0	30	54-122	
1,1-Dichloroethene	19.9	22.7	114	8	30	49-157	
1,2,4-Trichlorobenzene	19.9	10.9	55	13	30	10-120	
1,2-Dibromo-3-Chloropropane	19.9	5.77 J	29	14	30	10-153	
1,2-Dichlorobenzene	19.9	13.2	66	13	30	17-122	
1,2-Dichloroethane	19.9	17.9	90	2	30	49-123	
1,2-Dichloropropane	19.9	15.8	79	4	30	61-120	
1,3-Dichlorobenzene	19.9	12.7	64	19	30	16-126	
1,4-Dichlorobenzene	19.9	11.8	59	13	30	15-121	
2-Butanone (MEK)	39.9	28.6	64	12	30	30-143	
2-Hexanone	39.9	28.2	67	6	30	37-147	
4-Methyl-2-pentanone (MIBK)	39.9	27.1	68	3	30	43-147	
Acetone	39.9	71.4	94	9	30	24-140	
Benzene	19.9	16.5	83	3	30	53-120	
Bromoform	19.9	13.5	68	4	30	18-129	
Bromomethane	19.9	11.7	59	6	30	33-130	
Carbon disulfide	19.9	15.5	67	2	30	20-151	
Carbon tetrachloride	19.9	20.0	100	2	30	32-137	
Chlorobenzene	19.9	14.9	75	6	30	37-120	
Dibromochloromethane	19.9	13.5	68	6	30	29-135	
Chloroethane	19.9	16.7	84	5	30	45-120	
Chloroform	19.9	18.6	93	2	30	53-120	
Chloromethane	19.9	12.1	61	0	30	34-120	
cis-1,2-Dichloroethene	19.9	17.6	88	2	30	50-120	
cis-1,3-Dichloropropene	19.9	9.38	47	5	30	27-133	
Dichlorodifluoromethane	19.9	13.7	69	1	30	17-120	
Bromodichloromethane	19.9	13.6	68	4	30	35-132	
Ethylbenzene	19.9	15.4	77	9	30	30-131	
Isopropylbenzene	19.9	15.4	77	14	30	21-134	
Methyl tert-butyl ether	19.9	17.2	86	2	30	51-157	
Methylene Chloride	19.9	17.4	87	7	30	54-120	
m-Xylene & p-Xylene	19.9	14.9	75	9	30	29-131	
o-Xylene	19.9	15.7	79	9	30	29-134	
Styrene	19.9	13.4	67	5	30	27-127	
Tetrachloroethene	19.9	16.8	84	9	30	31-135	
Toluene	19.9	16.7	82	5	30	39-129	
trans-1,2-Dichloroethene	19.9	17.6	88	2	30	50-123	
trans-1,3-Dichloropropene	19.9	11.4	57	8	30	28-137	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146591.D

Lab ID: 240-57921-A-4-K MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Trichloroethene	19.9	32.5	163	3	30	10-177	
Trichlorofluoromethane	19.9	19.5	98	4	30	36-142	
Vinyl chloride	19.9	13.7	69	1	30	42-120	
Xylenes, Total	39.9	30.6	77	9	30	30-131	
1,2-Dibromoethane	19.9	16.6	83	3	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX80890.D

Lab ID: 240-57972-C-3-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	56.7	46.4	82	21	30	24-140	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 146535.D Lab Sample ID: MB 240-207343/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/18/2015 12:20

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-207343/5	146534.D	11/18/2015 11:58
	LCS 240-207343/7	146536.D	11/18/2015 12:41
F-VS-UST-P-1	240-57930-1	146551.D	11/18/2015 18:03
F-VS-UST-P-3	240-57930-3	146552.D	11/18/2015 18:25
F-VB-UST-P-1	240-57930-5	146556.D	11/18/2015 19:51
F-VB-UST-P-2	240-57930-6	146557.D	11/18/2015 20:12
F-VB-UST-P-3	240-57930-7	146558.D	11/18/2015 20:33
F-VB-UST-P-4	240-57930-8	146559.D	11/18/2015 20:55
F-VB-UST-P-5	240-57930-9	146560.D	11/18/2015 21:16
F-VB-UST-P-6	240-57930-10	146561.D	11/18/2015 21:38
F-VS-UST-P-DUP	240-57930-11	146562.D	11/18/2015 21:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 146568.D Lab Sample ID: MB 240-207560/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/19/2015 12:29

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-207560/5	146567.D	11/19/2015 12:08
	LCS 240-207560/7	146569.D	11/19/2015 12:51
F-VS-UST-P-4	240-57930-4	146581.D	11/19/2015 17:08
F-VS-UST-P-2	240-57930-2	146583.D	11/19/2015 17:52
F-VS-UST-P-2	240-57930-2	146584.D	11/19/2015 18:13
	240-57921-A-4-J MS	146590.D	11/19/2015 20:22
	240-57921-A-4-K MSD	146591.D	11/19/2015 20:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: UX80879.D Lab Sample ID: MB 240-207720/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 11/20/2015 05:08

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-207720/6	UX80877.D	11/20/2015 04:26
	240-57972-C-3-C MS	UX80889.D	11/20/2015 08:41
	240-57972-C-3-D MSD	UX80890.D	11/20/2015 09:02
F-VS-UST-P-2	240-57930-2	UX80893.D	11/20/2015 10:06

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: UXX3070.D Lab Sample ID: MB 240-207096/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX10 Date Analyzed: 11/17/2015 12:17

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-207096/4	UXX3068.D	11/17/2015 11:34
TB-111315	240-57930-12	UXX3077.D	11/17/2015 14:51
	200-30727-B-1 MS	UXX3079.D	11/17/2015 15:35
	200-30727-B-1 MSD	UXX3080.D	11/17/2015 15:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB7317.D BFB Injection Date: 11/16/2015

Instrument ID: A3UX10 BFB Injection Time: 09:00

Analysis Batch No.: 206893

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	52.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	100.1	
175	5.0 - 9.0 % of mass 174	7.3	(7.3) 1
176	95.0 - 101.0 % of mass 174	95.9	(95.7) 1
177	5.0 - 9.0 % of mass 176	6.6	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-206893/2	UXX3039.D	11/16/2015	09:23
	STD8260 240-206893/3	UXX3040.D	11/16/2015	09:45
	STD8260 240-206893/4	UXX3041.D	11/16/2015	10:07
	STD8260 240-206893/5	UXX3042.D	11/16/2015	10:29
	STD8260 240-206893/6	UXX3043.D	11/16/2015	10:51
	STD8260 240-206893/7	UXX3044.D	11/16/2015	11:13
	STD8260 240-206893/8	UXX3045.D	11/16/2015	11:35
	STDA9 240-206893/10	UXX3047.D	11/16/2015	12:19
	STDA9 240-206893/11	UXX3048.D	11/16/2015	12:43
	STDA9 240-206893/12	UXX3049.D	11/16/2015	13:05
	STDA9 240-206893/13	UXX3050.D	11/16/2015	13:27
	STDA9 240-206893/14	UXX3051.D	11/16/2015	13:49
	STDA9 240-206893/15	UXX3052.D	11/16/2015	14:10
	ICV 240-206893/16	UXX3053.D	11/16/2015	14:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB7318.D BFB Injection Date: 11/17/2015

Instrument ID: A3UX10 BFB Injection Time: 10:26

Analysis Batch No.: 207096

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.5	
75	30.0 - 60.0 % of mass 95	58.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	50.0 - 120.00 % of mass 95	96.7	
175	5.0 - 9.0 % of mass 174	7.3	(7.6) 1
176	95.0 - 101.0 % of mass 174	96.7	(100.1) 1
177	5.0 - 9.0 % of mass 176	6.1	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-207096/2	UXX3066.D	11/17/2015	10:50
	CCV 240-207096/3	UXX3067.D	11/17/2015	11:11
	LCS 240-207096/4	UXX3068.D	11/17/2015	11:34
	MB 240-207096/6	UXX3070.D	11/17/2015	12:17
TB-111315	240-57930-12	UXX3077.D	11/17/2015	14:51
	200-30727-B-1 MS	UXX3079.D	11/17/2015	15:35
	200-30727-B-1 MSD	UXX3080.D	11/17/2015	15:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB14045.D BFB Injection Date: 08/13/2015

Instrument ID: A3UX14 BFB Injection Time: 13:54

Analysis Batch No.: 193150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.1) 1
174	50.0 - 120.00 % of mass 95	70.4	
175	5.0 - 9.0 % of mass 174	5.1	(7.3) 1
176	95.0 - 101.0 % of mass 174	67.7	(96.1) 1
177	5.0 - 9.0 % of mass 176	4.5	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-193150/12	144576.D	08/13/2015	17:50
	IC 240-193150/13	144577.D	08/13/2015	18:11
	IC 240-193150/14	144578.D	08/13/2015	18:33
	IC 240-193150/15	144579.D	08/13/2015	18:54
	IC 240-193150/16	144580.D	08/13/2015	19:16
	IC 240-193150/17	144581.D	08/13/2015	19:37
	IC 240-193150/18	144582.D	08/13/2015	19:59
	IC 240-193150/19	144583.D	08/13/2015	20:20
	IC 240-193150/20	144584.D	08/13/2015	20:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB14070.D BFB Injection Date: 09/02/2015

Instrument ID: A3UX14 BFB Injection Time: 13:49

Analysis Batch No.: 196026

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.6	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.6	(0.8) 1
174	50.0 - 120.00 % of mass 95	70.3	
175	5.0 - 9.0 % of mass 174	4.9	(7.0) 1
176	95.0 - 101.0 % of mass 174	68.0	(96.8) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-196026/3	144935.D	09/02/2015	14:32
	IC 240-196026/4	144936.D	09/02/2015	14:54
	IC 240-196026/5	144937.D	09/02/2015	15:15
	ICIS 240-196026/6	144938.D	09/02/2015	15:37
	IC 240-196026/7	144939.D	09/02/2015	15:58
	IC 240-196026/8	144940.D	09/02/2015	16:20
	IC 240-196026/9	144941.D	09/02/2015	16:41
	IC 240-196026/10	144942.D	09/02/2015	17:03
	IC 240-196026/11	144943.D	09/02/2015	17:24
	ICV 240-196026/13	144945.D	09/02/2015	18:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB14134.D BFB Injection Date: 11/18/2015

Instrument ID: A3UX14 BFB Injection Time: 10:30

Analysis Batch No.: 207343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	50.0 - 120.00 % of mass 95	76.8	
175	5.0 - 9.0 % of mass 174	5.9	(7.7) 1
176	95.0 - 101.0 % of mass 174	74.8	(97.4) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-207343/3	146532.D	11/18/2015	11:15
	CCV 240-207343/4	146533.D	11/18/2015	11:37
	LCS 240-207343/5	146534.D	11/18/2015	11:58
	MB 240-207343/6	146535.D	11/18/2015	12:20
	LCS 240-207343/7	146536.D	11/18/2015	12:41
F-VS-UST-P-1	240-57930-1	146551.D	11/18/2015	18:03
F-VS-UST-P-3	240-57930-3	146552.D	11/18/2015	18:25
F-VB-UST-P-1	240-57930-5	146556.D	11/18/2015	19:51
F-VB-UST-P-2	240-57930-6	146557.D	11/18/2015	20:12
F-VB-UST-P-3	240-57930-7	146558.D	11/18/2015	20:33
F-VB-UST-P-4	240-57930-8	146559.D	11/18/2015	20:55
F-VB-UST-P-5	240-57930-9	146560.D	11/18/2015	21:16
F-VB-UST-P-6	240-57930-10	146561.D	11/18/2015	21:38
F-VS-UST-P-DUP	240-57930-11	146562.D	11/18/2015	21:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB14136.D BFB Injection Date: 11/19/2015

Instrument ID: A3UX14 BFB Injection Time: 10:42

Analysis Batch No.: 207560

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.8	(1.0) 1
174	50.0 - 120.00 % of mass 95	78.8	
175	5.0 - 9.0 % of mass 174	5.9	(7.4) 1
176	95.0 - 101.0 % of mass 174	75.4	(95.6) 1
177	5.0 - 9.0 % of mass 176	4.6	(6.1) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-207560/3	146565.D	11/19/2015	11:25
	CCV 240-207560/4	146566.D	11/19/2015	11:46
	LCS 240-207560/5	146567.D	11/19/2015	12:08
	MB 240-207560/6	146568.D	11/19/2015	12:29
	LCS 240-207560/7	146569.D	11/19/2015	12:51
F-VS-UST-P-4	240-57930-4	146581.D	11/19/2015	17:08
F-VS-UST-P-2	240-57930-2	146583.D	11/19/2015	17:52
F-VS-UST-P-2	240-57930-2	146584.D	11/19/2015	18:13
	240-57921-A-4-J MS	146590.D	11/19/2015	20:22
	240-57921-A-4-K MSD	146591.D	11/19/2015	20:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB8851.D BFB Injection Date: 07/15/2015

Instrument ID: A3UX8 BFB Injection Time: 00:55

Analysis Batch No.: 189147

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	32.0	
75	30.0 - 60.0 % of mass 95	57.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	50.0 - 120.00 % of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	6.2	(7.8) 1
176	95.0 - 101.0 % of mass 174	77.4	(96.7) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STDA9 240-189147/4	UX88545.D	07/15/2015	01:51
	STDA9 240-189147/5	UX88546.D	07/15/2015	02:12
	STDA9 240-189147/6	UX88547.D	07/15/2015	02:34
	STDA9 240-189147/7	UX88548.D	07/15/2015	02:55
	STDA9 240-189147/8	UX88549.D	07/15/2015	03:16
	STDA9 240-189147/9	UX88550.D	07/15/2015	03:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB8863.D BFB Injection Date: 07/30/2015

Instrument ID: A3UX8 BFB Injection Time: 02:03

Analysis Batch No.: 191232

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	31.7	
75	30.0 - 60.0 % of mass 95	58.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	79.4	
175	5.0 - 9.0 % of mass 174	5.7	(7.2) 1
176	95.0 - 101.0 % of mass 174	77.2	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-191232/3	UX88718.D	07/30/2015	02:35
	STD8260 240-191232/4	UX88719.D	07/30/2015	02:56
	STD8260 240-191232/5	UX88720.D	07/30/2015	03:17
	ICIS 240-191232/6	UX88721.D	07/30/2015	03:39
	STD8260 240-191232/7	UX88722.D	07/30/2015	04:00
	STD8260 240-191232/8	UX88723.D	07/30/2015	04:21
	STD8260 240-191232/9	UX88724.D	07/30/2015	04:42
	STD8260 240-191232/10	UX88725.D	07/30/2015	05:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB8945.D BFB Injection Date: 11/17/2015

Instrument ID: A3UX8 BFB Injection Time: 03:23

Analysis Batch No.: 206828

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.8	
75	30.0 - 60.0 % of mass 95	51.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.5	(0.6) 1
174	50.0 - 120.00 % of mass 95	83.9	
175	5.0 - 9.0 % of mass 174	6.1	(7.3) 1
176	95.0 - 101.0 % of mass 174	80.6	(96.1) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-206828/3	UX80794.D	11/17/2015	03:57
	STD8260 240-206828/4	UX80795.D	11/17/2015	04:18
	STD8260 240-206828/5	UX80796.D	11/17/2015	04:39
	ICIS 240-206828/6	UX80797.D	11/17/2015	05:01
	STD8260 240-206828/7	UX80798.D	11/17/2015	05:34
	STD8260 240-206828/8	UX80799.D	11/17/2015	05:55
	STD8260 240-206828/9	UX80800.D	11/17/2015	06:16
	STD8260 240-206828/10	UX80801.D	11/17/2015	06:38
	ICV 240-206828/11	UX80802.D	11/17/2015	06:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: BFB8948.D BFB Injection Date: 11/20/2015

Instrument ID: A3UX8 BFB Injection Time: 03:12

Analysis Batch No.: 207720

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.3	
75	30.0 - 60.0 % of mass 95	49.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.6) 1
174	50.0 - 120.00 % of mass 95	81.2	
175	5.0 - 9.0 % of mass 174	6.0	(7.3) 1
176	95.0 - 101.0 % of mass 174	78.2	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-207720/4	UX80875.D	11/20/2015	03:43
	CCV 240-207720/5	UX80876.D	11/20/2015	04:04
	LCS 240-207720/6	UX80877.D	11/20/2015	04:26
	MB 240-207720/8	UX80879.D	11/20/2015	05:08
	240-57972-C-3-C MS	UX80889.D	11/20/2015	08:41
	240-57972-C-3-D MSD	UX80890.D	11/20/2015	09:02
F-VS-UST-P-2	240-57930-2	UX80893.D	11/20/2015	10:06

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD8260 240-206893/4 Date Analyzed: 11/16/2015 10:07

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX3041.D Heated Purge: (Y/N) N

Calibration ID: 31566

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1573848	5.54	1127244	8.23	662837	10.47
UPPER LIMIT		3147696	6.04	2254488	8.73	1325674	10.97
LOWER LIMIT		786924	5.04	563622	7.73	331419	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-206893/16		1268597	5.54	936859	8.23	485454	10.47
CCVIS 240-207096/2		1260986	5.54	901961	8.23	487617	10.46
MB 240-207096/6		1120609	5.54	835430	8.23	430567	10.47

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVIS 240-207096/2 Date Analyzed: 11/17/2015 10:50

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX3066.D Heated Purge: (Y/N) N

Calibration ID: 31568

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1260986	5.54	901961	8.23	487617	10.46
UPPER LIMIT		2521972	6.04	1803922	8.73	975234	10.96
LOWER LIMIT		630493	5.04	450981	7.73	243809	9.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-207096/3		1228989	5.54	899191	8.23	458011	10.47
LCS 240-207096/4		1225707	5.54	880516	8.23	490859	10.47
MB 240-207096/6		1120609	5.54	835430	8.23	430567	10.47
240-57930-12	TB-111315	1004779	5.54	746987	8.23	396832	10.47
200-30727-B-1 MS		1136775	5.54	814318	8.23	471751	10.46
200-30727-B-1 MSD		1161812	5.54	855630	8.23	485911	10.46

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: ICIS 240-196026/6 Date Analyzed: 09/02/2015 15:37

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 144938.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1489699	6.64	910038	9.37	406298	11.34
UPPER LIMIT		2979398	7.14	1820076	9.87	812596	11.84
LOWER LIMIT		744850	6.14	455019	8.87	203149	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 240-207343/3		1130206	6.64	702239	9.36	329914	11.34
CCVIS 240-207560/3		1296804	6.64	819718	9.37	379204	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVIS 240-207343/3 Date Analyzed: 11/18/2015 11:15

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146532.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1130206	6.64	702239	9.36	329914	11.34
UPPER LIMIT		2260412	7.14	1404478	9.86	659828	11.84
LOWER LIMIT		565103	6.14	351120	8.86	164957	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-207343/4		1217421	6.64	740840	9.36	344747	11.34
LCS 240-207343/5		1262829	6.64	755702	9.36	373208	11.34
MB 240-207343/6		1229280	6.64	750179	9.36	371381	11.34
LCS 240-207343/7		1257343	6.64	779199	9.36	370145	11.34
240-57930-1	F-VS-UST-P-1	994924	6.64	574643	9.36	241066	11.34
240-57930-3	F-VS-UST-P-3	1158152	6.64	664830	9.36	277450	11.34
240-57930-5	F-VB-UST-P-1	1271214	6.64	763958	9.36	380397	11.34
240-57930-6	F-VB-UST-P-2	1220498	6.64	748569	9.36	376645	11.34
240-57930-7	F-VB-UST-P-3	1152061	6.64	716657	9.36	355890	11.34
240-57930-8	F-VB-UST-P-4	1145728	6.64	720294	9.36	354172	11.34
240-57930-9	F-VB-UST-P-5	1332976	6.64	804271	9.36	390098	11.34
240-57930-10	F-VB-UST-P-6	1150668	6.64	708332	9.36	343986	11.34
240-57930-11	F-VS-UST-P-DUP	1144818	6.64	667602	9.36	303312	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVIS 240-207560/3 Date Analyzed: 11/19/2015 11:25

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146565.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1296804	6.64	819718	9.37	379204	11.34
UPPER LIMIT		2593608	7.14	1639436	9.87	758408	11.84
LOWER LIMIT		648402	6.14	409859	8.87	189602	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-207560/4		1173494	6.64	720210	9.36	344802	11.34
LCS 240-207560/5		1277930	6.64	777122	9.36	384697	11.34
MB 240-207560/6		1178385	6.64	719057	9.37	360387	11.34
LCS 240-207560/7		1286546	6.64	796373	9.36	388037	11.34
240-57930-4	F-VS-UST-P-4	1153644	6.64	520223	9.36	164672*	11.34
240-57930-2	F-VS-UST-P-2	1286592	6.64	782678	9.36	367359	11.34
240-57930-2	F-VS-UST-P-2	1196312	6.64	653872	9.36	237602	11.34
240-57921-A-4-J MS		1466811	6.64	901613	9.36	435827	11.34
240-57921-A-4-K MSD		1482454	6.64	917456	9.36	430677	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: ICIS 240-206828/6 Date Analyzed: 11/17/2015 05:01

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX80797.D Heated Purge: (Y/N) Y

Calibration ID: 31578

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1908665	5.16	1226226	7.69	459813	9.88
UPPER LIMIT		3817330	5.66	2452452	8.19	919626	10.38
LOWER LIMIT		954333	4.66	613113	7.19	229907	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-206828/11		1732390	5.16	1085618	7.69	421779	9.88
CCVIS 240-207720/4		1766506	5.16	1084766	7.69	412435	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVIS 240-207720/4 Date Analyzed: 11/20/2015 03:43

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX80875.D Heated Purge: (Y/N) Y

Calibration ID: 31578

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1766506	5.16	1084766	7.69	412435	9.88
UPPER LIMIT		3533012	5.66	2169532	8.19	824870	10.38
LOWER LIMIT		883253	4.66	542383	7.19	206218	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-207720/5		1999155	5.16	1398829	7.69	506592	9.88
LCS 240-207720/6		1683051	5.16	1054787	7.69	392198	9.88
MB 240-207720/8		1662330	5.16	1019809	7.69	403715	9.88
240-57972-C-3-C MS		1643283	5.16	1027699	7.69	399822	9.88
240-57972-C-3-D MSD		1870371	5.16	1265241	7.69	455695	9.88
240-57930-2	F-VS-UST-P-2	1653633	5.16	983279	7.69	338150	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 146551.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:30

Sample wt/vol: 5.18(g) | Date Analyzed: 11/18/2015 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.57	U	5.7	0.57
71-55-6	1,1,1-Trichloroethane	0.74	U	5.7	0.74
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.7	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	U	5.7	0.48
75-34-3	1,1-Dichloroethane	0.39	U	5.7	0.39
75-35-4	1,1-Dichloroethene	0.91	U	5.7	0.91
563-58-6	1,1-Dichloropropene	0.42	U	5.7	0.42
87-61-6	1,2,3-Trichlorobenzene	0.57	U	5.7	0.57
96-18-4	1,2,3-Trichloropropane	0.89	U	5.7	0.89
526-73-8	1,2,3-Trimethylbenzene	0.87	J	5.7	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.7	0.43
95-63-6	1,2,4-Trimethylbenzene	0.66	U	5.7	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	11	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.7	0.39
107-06-2	1,2-Dichloroethane	0.52	U	5.7	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.7	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.7	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.7	0.45
106-46-7	1,4-Dichlorobenzene	0.32	U	5.7	0.32
594-20-7	2,2-Dichloropropane	0.50	U	5.7	0.50
78-93-3	2-Butanone (MEK)	18	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.73	U	57	0.73
95-49-8	2-Chlorotoluene	0.34	U	5.7	0.34
591-78-6	2-Hexanone	0.77	U	23	0.77
106-43-4	4-Chlorotoluene	0.30	U	5.7	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.7	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	86		23	6.5
71-43-2	Benzene	1.8	J	5.7	1.0
108-86-1	Bromobenzene	0.37	U	5.7	0.37
75-25-2	Bromoform	0.27	U	5.7	0.27
74-83-9	Bromomethane	0.48	U	5.7	0.48
75-15-0	Carbon disulfide	0.67	U	5.7	0.67
56-23-5	Carbon tetrachloride	0.74	U	5.7	0.74
108-90-7	Chlorobenzene	0.60	U	5.7	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 146551.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:30

Sample wt/vol: 5.18(g) | Date Analyzed: 11/18/2015 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.7	0.42
75-00-3	Chloroethane	0.50	U	5.7	0.50
67-66-3	Chloroform	0.41	U	5.7	0.41
74-87-3	Chloromethane	0.90	U	5.7	0.90
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.7	0.32
10061-01-5	cis-1,3-Dichloropropene	0.81	U	5.7	0.81
74-95-3	Dibromomethane	0.48	U	5.7	0.48
74-97-5	Bromochloromethane	0.37	U	5.7	0.37
75-71-8	Dichlorodifluoromethane	0.32	U	5.7	0.32
75-27-4	Bromodichloromethane	0.33	U	5.7	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.5	U	230	6.5
100-41-4	Ethylbenzene	0.36	U	5.7	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.7	0.45
108-20-3	Diisopropyl ether	0.67	U	11	0.67
98-82-8	Isopropylbenzene	14		5.7	0.23
1634-04-4	Methyl tert-butyl ether	0.49	U	5.7	0.49
75-09-2	Methylene Chloride	0.84	U	5.7	0.84
179601-23-1	m-Xylene & p-Xylene	1.9	J	11	0.48
91-20-3	Naphthalene	1.1	J	5.7	0.40
104-51-8	n-Butylbenzene	7.1		5.7	0.67
103-65-1	N-Propylbenzene	20		5.7	0.68
95-47-6	o-Xylene	0.75	J	5.7	0.65
135-98-8	sec-Butylbenzene	8.6		5.7	1.0
100-42-5	Styrene	0.45	U	5.7	0.45
994-05-8	Tert-amyl methyl ether	0.49	U	5.7	0.49
637-92-3	Ethyl t-butyl ether	0.47	U	5.7	0.47
127-18-4	Tetrachloroethene	0.91	U	5.7	0.91
108-88-3	Toluene	1.2	J B	5.7	0.31
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.7	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.7	0.33
79-01-6	Trichloroethene	0.43	U	5.7	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.7	0.33
108-05-4	Vinyl acetate	0.75	U	11	0.75
75-01-4	Vinyl chloride	0.34	U	5.7	0.34
1330-20-7	Xylenes, Total	2.7	J	11	0.61
98-06-6	tert-Butylbenzene	2.3	J	5.7	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 146551.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:30

Sample wt/vol: 5.18(g) | Date Analyzed: 11/18/2015 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.7	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	104		67-125
1868-53-7	Dibromofluoromethane (Surr)	100		37-132
460-00-4	4-Bromofluorobenzene (Surr)	97		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 146583.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.74(g) | Date Analyzed: 11/19/2015 17:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.52	U	5.2	0.52
71-55-6	1,1,1-Trichloroethane	0.67	U	5.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	5.2	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	U	5.2	0.43
75-34-3	1,1-Dichloroethane	0.35	U	5.2	0.35
75-35-4	1,1-Dichloroethene	0.82	U	5.2	0.82
563-58-6	1,1-Dichloropropene	0.38	U	5.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.52	U	5.2	0.52
96-18-4	1,2,3-Trichloropropane	0.80	U	5.2	0.80
526-73-8	1,2,3-Trimethylbenzene	7.9		5.2	0.47
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.2	0.39
95-63-6	1,2,4-Trimethylbenzene	12		5.2	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	2.8	U	10	2.8
95-50-1	1,2-Dichlorobenzene	0.35	U	5.2	0.35
107-06-2	1,2-Dichloroethane	0.47	U	5.2	0.47
78-87-5	1,2-Dichloropropane	0.14	U	5.2	0.14
541-73-1	1,3-Dichlorobenzene	0.71	U	5.2	0.71
142-28-9	1,3-Dichloropropane	0.41	U	5.2	0.41
106-46-7	1,4-Dichlorobenzene	0.29	U	5.2	0.29
594-20-7	2,2-Dichloropropane	0.45	U	5.2	0.45
78-93-3	2-Butanone (MEK)	6.1	J	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.66	U	52	0.66
95-49-8	2-Chlorotoluene	0.31	U	5.2	0.31
591-78-6	2-Hexanone	0.70	U	21	0.70
106-43-4	4-Chlorotoluene	0.27	U	5.2	0.27
99-87-6	p-Isopropyltoluene	0.85	J	5.2	0.42
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
71-43-2	Benzene	0.93	U	5.2	0.93
108-86-1	Bromobenzene	0.34	U	5.2	0.34
75-25-2	Bromoform	0.25	U	5.2	0.25
74-83-9	Bromomethane	0.43	U	5.2	0.43
75-15-0	Carbon disulfide	0.61	U	5.2	0.61
56-23-5	Carbon tetrachloride	0.67	U	5.2	0.67
108-90-7	Chlorobenzene	0.55	U	5.2	0.55
124-48-1	Dibromochloromethane	0.38	U	5.2	0.38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 146583.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.74(g) | Date Analyzed: 11/19/2015 17:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	0.45	U	5.2	0.45
67-66-3	Chloroform	0.37	U	5.2	0.37
74-87-3	Chloromethane	0.81	U	5.2	0.81
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.2	0.29
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.2	0.73
74-95-3	Dibromomethane	0.43	U	5.2	0.43
74-97-5	Bromochloromethane	0.34	U	5.2	0.34
75-71-8	Dichlorodifluoromethane	0.29	U	5.2	0.29
75-27-4	Bromodichloromethane	0.30	U	5.2	0.30
75-65-0	tert-Butyl alcohol (TBA)	5.9	U	210	5.9
100-41-4	Ethylbenzene	9.1		5.2	0.33
87-68-3	Hexachlorobutadiene	0.41	U	5.2	0.41
108-20-3	Diisopropyl ether	0.61	U	10	0.61
98-82-8	Isopropylbenzene	8.5		5.2	0.21
1634-04-4	Methyl tert-butyl ether	0.44	U	5.2	0.44
75-09-2	Methylene Chloride	0.76	U	5.2	0.76
179601-23-1	m-Xylene & p-Xylene	36		10	0.43
91-20-3	Naphthalene	10		5.2	0.36
104-51-8	n-Butylbenzene	4.6	J	5.2	0.61
103-65-1	N-Propylbenzene	9.7		5.2	0.62
95-47-6	o-Xylene	2.7	J	5.2	0.59
135-98-8	sec-Butylbenzene	3.6	J	5.2	0.94
100-42-5	Styrene	0.41	U	5.2	0.41
994-05-8	Tert-amyl methyl ether	0.44	U	5.2	0.44
637-92-3	Ethyl t-butyl ether	0.42	U	5.2	0.42
127-18-4	Tetrachloroethene	0.82	U	5.2	0.82
108-88-3	Toluene	1.2	J B	5.2	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	5.2	0.33
10061-02-6	trans-1,3-Dichloropropene	0.30	U	5.2	0.30
79-01-6	Trichloroethene	0.39	U	5.2	0.39
75-69-4	Trichlorofluoromethane	0.30	U	5.2	0.30
108-05-4	Vinyl acetate	0.68	U	10	0.68
75-01-4	Vinyl chloride	0.31	U	5.2	0.31
1330-20-7	Xylenes, Total	39		10	0.56
98-06-6	tert-Butylbenzene	0.87	J	5.2	0.69
106-93-4	1,2-Dibromoethane	0.55	U	5.2	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 Lab Sample ID: 240-57930-2

Matrix: Solid Lab File ID: 146583.D

Analysis Method: 8260C Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.74(g) Date Analyzed: 11/19/2015 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 Level: (low/med) Low

Analysis Batch No.: 207560 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		67-125
1868-53-7	Dibromofluoromethane (Surr)	92		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 146584.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.09(g) | Date Analyzed: 11/19/2015 18:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	98		5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	170		5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	8.8	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	6.5		5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
71-43-2	Benzene	6.8		5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 146584.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.09(g) | Date Analyzed: 11/19/2015 18:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	140		5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	63		5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	520	E	12	0.49
91-20-3	Naphthalene	17		5.8	0.41
104-51-8	n-Butylbenzene	11		5.8	0.69
103-65-1	N-Propylbenzene	55		5.8	0.70
95-47-6	o-Xylene	14		5.8	0.66
135-98-8	sec-Butylbenzene	12		5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	4.0	J B	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	530		12	0.63
98-06-6	tert-Butylbenzene	4.4	J	5.8	0.78
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 146584.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.09(g) | Date Analyzed: 11/19/2015 18:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		67-125
1868-53-7	Dibromofluoromethane (Surr)	92		37-132
460-00-4	4-Bromofluorobenzene (Surr)	105		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: UX80893.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 5.61(g) | Date Analyzed: 11/20/2015 10:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	26	B	21	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	110		67-125
1868-53-7	Dibromofluoromethane (Surr)	94		37-132
460-00-4	4-Bromofluorobenzene (Surr)	93		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 146552.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:40

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 18:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.69	U	5.3	0.69
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	5.3	0.45
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.85	U	5.3	0.85
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.83	U	5.3	0.83
526-73-8	1,2,3-Trimethylbenzene	1.5	J	5.3	0.49
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	1.6	J	5.3	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.49	U	5.3	0.49
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.43	U	5.3	0.43
106-46-7	1,4-Dichlorobenzene	0.30	U	5.3	0.30
594-20-7	2,2-Dichloropropane	0.47	U	5.3	0.47
78-93-3	2-Butanone (MEK)	2.4	J	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.68	U	53	0.68
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.28	U	5.3	0.28
99-87-6	p-Isopropyltoluene	0.44	U	5.3	0.44
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	12	J	21	6.1
71-43-2	Benzene	0.96	U	5.3	0.96
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.26	U	5.3	0.26
74-83-9	Bromomethane	0.45	U	5.3	0.45
75-15-0	Carbon disulfide	0.63	U	5.3	0.63
56-23-5	Carbon tetrachloride	0.69	U	5.3	0.69
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 146552.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:40

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 18:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.47	U	5.3	0.47
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.84	U	5.3	0.84
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.3	0.30
10061-01-5	cis-1,3-Dichloropropene	0.76	U	5.3	0.76
74-95-3	Dibromomethane	0.45	U	5.3	0.45
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.30	U	5.3	0.30
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.1	U	210	6.1
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.43	U	5.3	0.43
108-20-3	Diisopropyl ether	0.63	U	11	0.63
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.46	U	5.3	0.46
75-09-2	Methylene Chloride	0.79	U	5.3	0.79
179601-23-1	m-Xylene & p-Xylene	0.45	U	11	0.45
91-20-3	Naphthalene	1.7	J	5.3	0.37
104-51-8	n-Butylbenzene	0.63	U	5.3	0.63
103-65-1	N-Propylbenzene	0.64	U	5.3	0.64
95-47-6	o-Xylene	0.61	U	5.3	0.61
135-98-8	sec-Butylbenzene	0.97	U	5.3	0.97
100-42-5	Styrene	0.43	U	5.3	0.43
994-05-8	Tert-amyl methyl ether	0.46	U	5.3	0.46
637-92-3	Ethyl t-butyl ether	0.44	U	5.3	0.44
127-18-4	Tetrachloroethene	0.85	U	5.3	0.85
108-88-3	Toluene	0.43	J B	5.3	0.29
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 146552.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:40

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 18:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		67-125
1868-53-7	Dibromofluoromethane (Surr)	91		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 146581.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:45

Sample wt/vol: 5.24(g) | Date Analyzed: 11/19/2015 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.57	U	5.7	0.57
71-55-6	1,1,1-Trichloroethane	0.75	U	5.7	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U *	5.7	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	U	5.7	0.48
75-34-3	1,1-Dichloroethane	0.39	U	5.7	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.7	0.92
563-58-6	1,1-Dichloropropene	0.42	U	5.7	0.42
87-61-6	1,2,3-Trichlorobenzene	0.57	U *	5.7	0.57
96-18-4	1,2,3-Trichloropropane	0.90	U *	5.7	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U *	5.7	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U *	5.7	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U *	5.7	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U *	11	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U *	5.7	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.7	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.7	0.16
541-73-1	1,3-Dichlorobenzene	0.79	U *	5.7	0.79
142-28-9	1,3-Dichloropropane	0.46	U	5.7	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U *	5.7	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.7	0.51
78-93-3	2-Butanone (MEK)	4.4	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.73	U	57	0.73
95-49-8	2-Chlorotoluene	0.34	U *	5.7	0.34
591-78-6	2-Hexanone	0.78	U	23	0.78
106-43-4	4-Chlorotoluene	0.30	U *	5.7	0.30
99-87-6	p-Isopropyltoluene	0.47	U *	5.7	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	21	J	23	6.5
71-43-2	Benzene	1.0	U	5.7	1.0
108-86-1	Bromobenzene	0.38	U *	5.7	0.38
75-25-2	Bromoform	0.28	U	5.7	0.28
74-83-9	Bromomethane	0.48	U	5.7	0.48
75-15-0	Carbon disulfide	0.68	U	5.7	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.7	0.75
108-90-7	Chlorobenzene	0.61	U	5.7	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 146581.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:45

Sample wt/vol: 5.24(g) | Date Analyzed: 11/19/2015 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.7	0.42
75-00-3	Chloroethane	0.51	U	5.7	0.51
67-66-3	Chloroform	0.41	U	5.7	0.41
74-87-3	Chloromethane	0.91	U	5.7	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.7	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.7	0.82
74-95-3	Dibromomethane	0.48	U	5.7	0.48
74-97-5	Bromochloromethane	0.38	U	5.7	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.7	0.32
75-27-4	Bromodichloromethane	0.33	U	5.7	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.7	0.37
87-68-3	Hexachlorobutadiene	0.46	U *	5.7	0.46
108-20-3	Diisopropyl ether	0.68	U	11	0.68
98-82-8	Isopropylbenzene	0.23	U	5.7	0.23
1634-04-4	Methyl tert-butyl ether	0.49	U	5.7	0.49
75-09-2	Methylene Chloride	0.85	U	5.7	0.85
179601-23-1	m-Xylene & p-Xylene	0.48	U	11	0.48
91-20-3	Naphthalene	0.88	J *	5.7	0.40
104-51-8	n-Butylbenzene	0.68	U *	5.7	0.68
103-65-1	N-Propylbenzene	0.69	U *	5.7	0.69
95-47-6	o-Xylene	0.65	U	5.7	0.65
135-98-8	sec-Butylbenzene	1.0	U *	5.7	1.0
100-42-5	Styrene	0.46	U	5.7	0.46
994-05-8	Tert-amyl methyl ether	0.49	U	5.7	0.49
637-92-3	Ethyl t-butyl ether	0.47	U	5.7	0.47
127-18-4	Tetrachloroethene	0.92	U	5.7	0.92
108-88-3	Toluene	0.47	J B	5.7	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.7	0.37
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.7	0.33
79-01-6	Trichloroethene	0.44	U	5.7	0.44
75-69-4	Trichlorofluoromethane	0.33	U	5.7	0.33
108-05-4	Vinyl acetate	0.76	U	11	0.76
75-01-4	Vinyl chloride	0.34	U	5.7	0.34
1330-20-7	Xylenes, Total	0.62	U	11	0.62
98-06-6	tert-Butylbenzene	0.77	U *	5.7	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 146581.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:45

Sample wt/vol: 5.24(g) | Date Analyzed: 11/19/2015 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.7	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	111		67-125
1868-53-7	Dibromofluoromethane (Surr)	87		37-132
460-00-4	4-Bromofluorobenzene (Surr)	102	*	52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 146556.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:00

Sample wt/vol: 5.06(g) | Date Analyzed: 11/18/2015 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.54	U	5.8	0.54
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.68	U	5.8	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.54	U	5.8	0.54
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.81	U	5.8	0.81
142-28-9	1,3-Dichloropropane	0.47	U	5.8	0.47
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	1.3	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.75	U	58	0.75
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	8.2	J	23	6.7
71-43-2	Benzene	1.1	U	5.8	1.1
108-86-1	Bromobenzene	0.39	U	5.8	0.39
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 146556.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:00

Sample wt/vol: 5.06(g) | Date Analyzed: 11/18/2015 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.39	U	5.8	0.39
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.7	U	230	6.7
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.47	U	5.8	0.47
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	U	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.67	U	5.8	0.67
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.47	U	5.8	0.47
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.32	U	5.8	0.32
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 146556.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:00

Sample wt/vol: 5.06(g) | Date Analyzed: 11/18/2015 19:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	78		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 146557.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:05

Sample wt/vol: 5.31(g) | Date Analyzed: 11/18/2015 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.72	U	5.6	0.72
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.89	U	5.6	0.89
563-58-6	1,1-Dichloropropene	0.41	U	5.6	0.41
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.87	U	5.6	0.87
526-73-8	1,2,3-Trimethylbenzene	0.51	U	5.6	0.51
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.6	0.42
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.51	U	5.6	0.51
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.77	U	5.6	0.77
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	5.4	J	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.71	U	56	0.71
95-49-8	2-Chlorotoluene	0.33	U	5.6	0.33
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	70		22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.72	U	5.6	0.72
108-90-7	Chlorobenzene	0.59	U	5.6	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 146557.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:05

Sample wt/vol: 5.31(g) | Date Analyzed: 11/18/2015 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.6	0.41
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.88	U	5.6	0.88
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.79	U	5.6	0.79
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.32	U	5.6	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.82	U	5.6	0.82
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.89	U	5.6	0.89
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.6	0.32
79-01-6	Trichloroethene	0.42	U	5.6	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.6	0.32
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.33	U	5.6	0.33
1330-20-7	Xylenes, Total	0.60	U	11	0.60
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 146557.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:05

Sample wt/vol: 5.31(g) | Date Analyzed: 11/18/2015 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.59	U	5.6	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	79		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 146558.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:10

Sample wt/vol: 5.29(g) | Date Analyzed: 11/18/2015 20:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.54	U	5.8	0.54
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.68	U	5.8	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.54	U	5.8	0.54
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.81	U	5.8	0.81
142-28-9	1,3-Dichloropropane	0.47	U	5.8	0.47
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.9	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.75	U	58	0.75
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	66		23	6.7
71-43-2	Benzene	1.1	U	5.8	1.1
108-86-1	Bromobenzene	0.39	U	5.8	0.39
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 146558.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:10

Sample wt/vol: 5.29(g) | Date Analyzed: 11/18/2015 20:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.39	U	5.8	0.39
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.7	U	230	6.7
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.47	U	5.8	0.47
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	U	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.67	U	5.8	0.67
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.47	U	5.8	0.47
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.32	U	5.8	0.32
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 146558.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:10

Sample wt/vol: 5.29(g) | Date Analyzed: 11/18/2015 20:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		67-125
1868-53-7	Dibromofluoromethane (Surr)	99		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 146559.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:15

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 20:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.54	U	5.4	0.54
71-55-6	1,1,1-Trichloroethane	0.70	U	5.4	0.70
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.4	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	5.4	0.45
75-34-3	1,1-Dichloroethane	0.37	U	5.4	0.37
75-35-4	1,1-Dichloroethene	0.86	U	5.4	0.86
563-58-6	1,1-Dichloropropene	0.40	U	5.4	0.40
87-61-6	1,2,3-Trichlorobenzene	0.54	U	5.4	0.54
96-18-4	1,2,3-Trichloropropane	0.84	U	5.4	0.84
526-73-8	1,2,3-Trimethylbenzene	0.49	U	5.4	0.49
120-82-1	1,2,4-Trichlorobenzene	0.41	U	5.4	0.41
95-63-6	1,2,4-Trimethylbenzene	0.62	U	5.4	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.37	U	5.4	0.37
107-06-2	1,2-Dichloroethane	0.49	U	5.4	0.49
78-87-5	1,2-Dichloropropane	0.15	U	5.4	0.15
541-73-1	1,3-Dichlorobenzene	0.74	U	5.4	0.74
142-28-9	1,3-Dichloropropane	0.43	U	5.4	0.43
106-46-7	1,4-Dichlorobenzene	0.30	U	5.4	0.30
594-20-7	2,2-Dichloropropane	0.47	U	5.4	0.47
78-93-3	2-Butanone (MEK)	1.9	J	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.69	U	54	0.69
95-49-8	2-Chlorotoluene	0.32	U	5.4	0.32
591-78-6	2-Hexanone	0.73	U	21	0.73
106-43-4	4-Chlorotoluene	0.28	U	5.4	0.28
99-87-6	p-Isopropyltoluene	0.44	U	5.4	0.44
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	16	J	21	6.1
71-43-2	Benzene	0.97	U	5.4	0.97
108-86-1	Bromobenzene	0.35	U	5.4	0.35
75-25-2	Bromoform	0.26	U	5.4	0.26
74-83-9	Bromomethane	0.45	U	5.4	0.45
75-15-0	Carbon disulfide	0.63	U	5.4	0.63
56-23-5	Carbon tetrachloride	0.70	U	5.4	0.70
108-90-7	Chlorobenzene	0.57	U	5.4	0.57

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 146559.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:15

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 20:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.40	U	5.4	0.40
75-00-3	Chloroethane	0.47	U	5.4	0.47
67-66-3	Chloroform	0.39	U	5.4	0.39
74-87-3	Chloromethane	0.85	U	5.4	0.85
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.4	0.30
10061-01-5	cis-1,3-Dichloropropene	0.76	U	5.4	0.76
74-95-3	Dibromomethane	0.45	U	5.4	0.45
74-97-5	Bromochloromethane	0.35	U	5.4	0.35
75-71-8	Dichlorodifluoromethane	0.30	U	5.4	0.30
75-27-4	Bromodichloromethane	0.31	U	5.4	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.1	U	210	6.1
100-41-4	Ethylbenzene	0.34	U	5.4	0.34
87-68-3	Hexachlorobutadiene	0.43	U	5.4	0.43
108-20-3	Diisopropyl ether	0.63	U	11	0.63
98-82-8	Isopropylbenzene	0.21	U	5.4	0.21
1634-04-4	Methyl tert-butyl ether	0.46	U	5.4	0.46
75-09-2	Methylene Chloride	0.79	U	5.4	0.79
179601-23-1	m-Xylene & p-Xylene	0.45	U	11	0.45
91-20-3	Naphthalene	0.38	U	5.4	0.38
104-51-8	n-Butylbenzene	0.63	U	5.4	0.63
103-65-1	N-Propylbenzene	0.64	U	5.4	0.64
95-47-6	o-Xylene	0.61	U	5.4	0.61
135-98-8	sec-Butylbenzene	0.98	U	5.4	0.98
100-42-5	Styrene	0.43	U	5.4	0.43
994-05-8	Tert-amyl methyl ether	0.46	U	5.4	0.46
637-92-3	Ethyl t-butyl ether	0.44	U	5.4	0.44
127-18-4	Tetrachloroethene	0.86	U	5.4	0.86
108-88-3	Toluene	0.29	U	5.4	0.29
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.4	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.4	0.31
79-01-6	Trichloroethene	0.41	U	5.4	0.41
75-69-4	Trichlorofluoromethane	0.31	U	5.4	0.31
108-05-4	Vinyl acetate	0.71	U	11	0.71
75-01-4	Vinyl chloride	0.32	U	5.4	0.32
1330-20-7	Xylenes, Total	0.58	U	11	0.58
98-06-6	tert-Butylbenzene	0.72	U	5.4	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 146559.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:15

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 20:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.57	U	5.4	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		67-125
1868-53-7	Dibromofluoromethane (Surr)	103		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 146560.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:20

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 21:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.54	U	5.4	0.54
71-55-6	1,1,1-Trichloroethane	0.70	U	5.4	0.70
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.4	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	5.4	0.45
75-34-3	1,1-Dichloroethane	0.37	U	5.4	0.37
75-35-4	1,1-Dichloroethene	0.87	U	5.4	0.87
563-58-6	1,1-Dichloropropene	0.40	U	5.4	0.40
87-61-6	1,2,3-Trichlorobenzene	0.54	U	5.4	0.54
96-18-4	1,2,3-Trichloropropane	0.84	U	5.4	0.84
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.4	0.50
120-82-1	1,2,4-Trichlorobenzene	0.41	U	5.4	0.41
95-63-6	1,2,4-Trimethylbenzene	0.63	U	5.4	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.37	U	5.4	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.4	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.4	0.15
541-73-1	1,3-Dichlorobenzene	0.75	U	5.4	0.75
142-28-9	1,3-Dichloropropane	0.43	U	5.4	0.43
106-46-7	1,4-Dichlorobenzene	0.30	U	5.4	0.30
594-20-7	2,2-Dichloropropane	0.48	U	5.4	0.48
78-93-3	2-Butanone (MEK)	2.0	J	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.69	U	54	0.69
95-49-8	2-Chlorotoluene	0.32	U	5.4	0.32
591-78-6	2-Hexanone	0.74	U	22	0.74
106-43-4	4-Chlorotoluene	0.28	U	5.4	0.28
99-87-6	p-Isopropyltoluene	0.44	U	5.4	0.44
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	11	J	22	6.2
71-43-2	Benzene	0.97	U	5.4	0.97
108-86-1	Bromobenzene	0.36	U	5.4	0.36
75-25-2	Bromoform	0.26	U	5.4	0.26
74-83-9	Bromomethane	0.45	U	5.4	0.45
75-15-0	Carbon disulfide	0.64	U	5.4	0.64
56-23-5	Carbon tetrachloride	0.70	U	5.4	0.70
108-90-7	Chlorobenzene	0.57	U	5.4	0.57

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 146560.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:20

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 21:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.40	U	5.4	0.40
75-00-3	Chloroethane	0.48	U	5.4	0.48
67-66-3	Chloroform	0.39	U	5.4	0.39
74-87-3	Chloromethane	0.85	U	5.4	0.85
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.4	0.30
10061-01-5	cis-1,3-Dichloropropene	0.77	U	5.4	0.77
74-95-3	Dibromomethane	0.45	U	5.4	0.45
74-97-5	Bromochloromethane	0.36	U	5.4	0.36
75-71-8	Dichlorodifluoromethane	0.30	U	5.4	0.30
75-27-4	Bromodichloromethane	0.31	U	5.4	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.2	U	220	6.2
100-41-4	Ethylbenzene	0.35	U	5.4	0.35
87-68-3	Hexachlorobutadiene	0.43	U	5.4	0.43
108-20-3	Diisopropyl ether	0.64	U	11	0.64
98-82-8	Isopropylbenzene	0.22	U	5.4	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.4	0.47
75-09-2	Methylene Chloride	0.80	U	5.4	0.80
179601-23-1	m-Xylene & p-Xylene	1.4	J	11	0.45
91-20-3	Naphthalene	0.38	U	5.4	0.38
104-51-8	n-Butylbenzene	0.64	U	5.4	0.64
103-65-1	N-Propylbenzene	0.65	U	5.4	0.65
95-47-6	o-Xylene	0.62	U	5.4	0.62
135-98-8	sec-Butylbenzene	0.98	U	5.4	0.98
100-42-5	Styrene	0.43	U	5.4	0.43
994-05-8	Tert-amyl methyl ether	0.47	U	5.4	0.47
637-92-3	Ethyl t-butyl ether	0.44	U	5.4	0.44
127-18-4	Tetrachloroethene	0.87	U	5.4	0.87
108-88-3	Toluene	0.75	J B	5.4	0.29
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.4	0.35
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.4	0.31
79-01-6	Trichloroethene	0.41	U	5.4	0.41
75-69-4	Trichlorofluoromethane	0.31	U	5.4	0.31
108-05-4	Vinyl acetate	0.71	U	11	0.71
75-01-4	Vinyl chloride	0.32	U	5.4	0.32
1330-20-7	Xylenes, Total	1.4	J	11	0.58
98-06-6	tert-Butylbenzene	0.72	U	5.4	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 146560.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:20

Sample wt/vol: 5.55(g) | Date Analyzed: 11/18/2015 21:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.57	U	5.4	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	84		67-125
1868-53-7	Dibromofluoromethane (Surr)	86		37-132
460-00-4	4-Bromofluorobenzene (Surr)	76		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 146561.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:25

Sample wt/vol: 5.10(g) | Date Analyzed: 11/18/2015 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.1	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	57		23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 146561.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:25

Sample wt/vol: 5.10(g) | Date Analyzed: 11/18/2015 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 146561.D

Analysis Method: 8260C | Date Collected: 11/13/2015 10:25

Sample wt/vol: 5.10(g) | Date Analyzed: 11/18/2015 21:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	97		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 146562.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5.73(g) | Date Analyzed: 11/18/2015 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.52	U	5.2	0.52
71-55-6	1,1,1-Trichloroethane	0.67	U	5.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	5.2	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	U	5.2	0.43
75-34-3	1,1-Dichloroethane	0.35	U	5.2	0.35
75-35-4	1,1-Dichloroethene	0.83	U	5.2	0.83
563-58-6	1,1-Dichloropropene	0.38	U	5.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.52	U	5.2	0.52
96-18-4	1,2,3-Trichloropropane	0.81	U	5.2	0.81
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.2	0.48
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.2	0.39
95-63-6	1,2,4-Trimethylbenzene	0.60	U	5.2	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	2.8	U	10	2.8
95-50-1	1,2-Dichlorobenzene	0.35	U	5.2	0.35
107-06-2	1,2-Dichloroethane	0.48	U	5.2	0.48
78-87-5	1,2-Dichloropropane	0.14	U	5.2	0.14
541-73-1	1,3-Dichlorobenzene	0.71	U	5.2	0.71
142-28-9	1,3-Dichloropropane	0.41	U	5.2	0.41
106-46-7	1,4-Dichlorobenzene	0.29	U	5.2	0.29
594-20-7	2,2-Dichloropropane	0.45	U	5.2	0.45
78-93-3	2-Butanone (MEK)	6.4	J	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.66	U	52	0.66
95-49-8	2-Chlorotoluene	0.31	U	5.2	0.31
591-78-6	2-Hexanone	0.70	U	21	0.70
106-43-4	4-Chlorotoluene	0.27	U	5.2	0.27
99-87-6	p-Isopropyltoluene	0.42	U	5.2	0.42
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	34		21	5.9
71-43-2	Benzene	0.93	U	5.2	0.93
108-86-1	Bromobenzene	0.34	U	5.2	0.34
75-25-2	Bromoform	0.25	U	5.2	0.25
74-83-9	Bromomethane	0.43	U	5.2	0.43
75-15-0	Carbon disulfide	0.61	U	5.2	0.61
56-23-5	Carbon tetrachloride	0.67	U	5.2	0.67
108-90-7	Chlorobenzene	0.55	U	5.2	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 146562.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5.73(g) | Date Analyzed: 11/18/2015 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.38	U	5.2	0.38
75-00-3	Chloroethane	0.45	U	5.2	0.45
67-66-3	Chloroform	0.37	U	5.2	0.37
74-87-3	Chloromethane	0.82	U	5.2	0.82
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.2	0.29
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.2	0.73
74-95-3	Dibromomethane	0.43	U	5.2	0.43
74-97-5	Bromochloromethane	0.34	U	5.2	0.34
75-71-8	Dichlorodifluoromethane	0.29	U	5.2	0.29
75-27-4	Bromodichloromethane	0.30	U	5.2	0.30
75-65-0	tert-Butyl alcohol (TBA)	5.9	U	210	5.9
100-41-4	Ethylbenzene	0.33	U	5.2	0.33
87-68-3	Hexachlorobutadiene	0.41	U	5.2	0.41
108-20-3	Diisopropyl ether	0.61	U	10	0.61
98-82-8	Isopropylbenzene	2.8	J	5.2	0.21
1634-04-4	Methyl tert-butyl ether	0.44	U	5.2	0.44
75-09-2	Methylene Chloride	0.76	U	5.2	0.76
179601-23-1	m-Xylene & p-Xylene	0.43	U	10	0.43
91-20-3	Naphthalene	0.36	U	5.2	0.36
104-51-8	n-Butylbenzene	1.7	J	5.2	0.61
103-65-1	N-Propylbenzene	4.4	J	5.2	0.62
95-47-6	o-Xylene	0.59	U	5.2	0.59
135-98-8	sec-Butylbenzene	2.0	J	5.2	0.94
100-42-5	Styrene	0.41	U	5.2	0.41
994-05-8	Tert-amyl methyl ether	0.44	U	5.2	0.44
637-92-3	Ethyl t-butyl ether	0.42	U	5.2	0.42
127-18-4	Tetrachloroethene	0.83	U	5.2	0.83
108-88-3	Toluene	0.31	J B	5.2	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	5.2	0.33
10061-02-6	trans-1,3-Dichloropropene	0.30	U	5.2	0.30
79-01-6	Trichloroethene	0.39	U	5.2	0.39
75-69-4	Trichlorofluoromethane	0.30	U	5.2	0.30
108-05-4	Vinyl acetate	0.68	U	10	0.68
75-01-4	Vinyl chloride	0.31	U	5.2	0.31
1330-20-7	Xylenes, Total	0.56	U	10	0.56
98-06-6	tert-Butylbenzene	0.69	U	5.2	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 146562.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5.73(g) | Date Analyzed: 11/18/2015 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.55	U	5.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: TB-111315 | Lab Sample ID: 240-57930-12

Matrix: Water | Lab File ID: UXX3077.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U *	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.53	U	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: TB-111315 | Lab Sample ID: 240-57930-12

Matrix: Water | Lab File ID: UXX3077.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: TB-111315 | Lab Sample ID: 240-57930-12

Matrix: Water | Lab File ID: UXX3077.D

Analysis Method: 8260C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 14:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	82		80-120
1868-53-7	Dibromofluoromethane (Surr)	81		79-120
460-00-4	4-Bromofluorobenzene (Surr)	75		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		78-125

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-206893/8	UXX3045.D
Level 2	STD8260 240-206893/7	UXX3044.D
Level 3	STD8260 240-206893/6	UXX3043.D
Level 4	STD8260 240-206893/5	UXX3042.D
Level 5	STD8260 240-206893/4	UXX3041.D
Level 6	STD8260 240-206893/3	UXX3040.D
Level 7	STD8260 240-206893/2	UXX3039.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2558 0.2635	0.2392 0.2172	0.2617	0.2575	0.2486	Ave		0.2491			0.1000	6.5		15.0			
Chloromethane	0.3846 0.2660	0.3277 0.2465	0.3315	0.3019	0.2932	Ave		0.3073			0.1000	14.9		15.0			
Vinyl chloride	0.3532 0.2771	0.3108 0.2446	0.3169	0.3035	0.2896	Ave		0.2994			0.1000	11.4		15.0			
Butadiene	0.3861 0.2850	0.3426 0.2497	0.3114	0.3090	0.2873	Ave		0.3102				14.2		15.0			
Bromomethane	0.2835 0.2345	0.2479 0.2522	0.2576	0.2438	0.2292	Ave		0.2498			0.0500	7.1		15.0			
Chloroethane	0.2724 0.2278	0.2797 0.2289	0.2581	0.2474	0.2415	Ave		0.2508				8.1		15.0			
Dichlorofluoromethane	0.6581 0.5225	0.6427 0.5307	0.6029	0.5780	0.5451	Ave		0.5829				9.3		15.0			
Trichlorofluoromethane	0.2696 0.3201	0.2402 0.3114	0.2625	0.2904	0.2679	Ave		0.2803			0.1000	10.1		15.0			
Ethyl ether	0.2822 0.2083	0.2470 0.2155	0.2248	0.2260	0.2246	Ave		0.2326				10.7		15.0			
Acrolein	0.0252 0.0211	0.0281 0.0216	0.0242	0.0238	0.0231	Ave		0.0238				9.9		15.0			
1,1-Dichloroethene	0.2277 0.2160	0.2273 0.2098	0.2270	0.2229	0.2254	Ave		0.2223			0.1000	3.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1842 0.1816	0.1408 0.1610	0.1611	0.1636	0.1681	Ave		0.1658			0.0500	8.8		15.0			
Acetone	0.2427 0.0612	0.1441 0.0584	0.1048	0.0768	0.0676	Lin1	0.1853	0.0567			0.0500				1.0000		0.9900
Iodomethane	0.3917 0.3480	0.3798 0.3570	0.3850	0.3783	0.3797	Ave		0.3742				4.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.6648 0.6777	0.6334 0.6852	0.6385	0.6682	0.7000	Ave		0.6668			0.1000	3.6		15.0			
3-Chloro-1-propene	0.1452 0.1539	0.1544 0.1554	0.1515	0.1537	0.1637	Ave		0.1540				3.6		15.0			
Methyl acetate	0.2076 0.1682	0.1855 0.1769	0.1829	0.1723	0.1738	Ave		0.1810			0.1000	7.3		15.0			
Methylene Chloride	0.8173 0.2350	0.5325 0.2430	0.3803	0.2969	0.2707	Lin1	0.2967	0.2323			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0163 0.0168	0.0190 0.0156	0.0171	0.0180	0.0176	Ave		0.0172				6.5		15.0			
Acrylonitrile	0.0901 0.0885	0.0917 0.0936	0.0885	0.0895	0.0897	Ave		0.0902				2.0		15.0			
Methyl tert-butyl ether	0.7089 0.7125	0.6937 0.7861	0.6936	0.7027	0.7319	Ave		0.7185			0.1000	4.5		15.0			
trans-1,2-Dichloroethene	0.2637 0.2513	0.2813 0.2576	0.2574	0.2537	0.2619	Ave		0.2610			0.1000	3.8		15.0			
Hexane	0.0667 0.0591	0.0445 0.0515	0.0468	0.0549	0.0504	Ave		0.0534				14.2		15.0			
1,1-Dichloroethane	0.4688 0.4268	0.4868 0.4444	0.4594	0.4569	0.4642	Ave		0.4582			0.1000	4.1		15.0			
Vinyl acetate	0.4652 0.4501	0.4809 0.4985	0.4063	0.4376	0.4468	Ave		0.4551				6.6		15.0			
2,2-Dichloropropane	0.2507 0.2589	0.2505 0.2597	0.2625	0.2646	0.2765	Ave		0.2605				3.4		15.0			
cis-1,2-Dichloroethene	0.2875 0.2595	0.3082 0.2632	0.2741	0.2812	0.2787	Ave		0.2789			0.1000	5.8		15.0			
2-Butanone (MEK)	0.1329 0.0882	0.1145 0.0909	0.1044	0.0968	0.0950	Lin1	0.0483	0.0899			0.0500				0.9990		0.9900
Bromochloromethane	0.1557 0.1254	0.1482 0.1269	0.1350	0.1410	0.1396	Ave		0.1388				7.9		15.0			
Tetrahydrofuran	0.0810 0.0635	0.0739 0.0622	0.0622	0.0658	0.0659	Ave		0.0678				10.4		15.0			
Chloroform	0.4458 0.4173	0.4612 0.4267	0.4424	0.4440	0.4443	Ave		0.4402				3.2		15.0			
1,1,1-Trichloroethane	0.3394 0.3314	0.3153 0.3247	0.3147	0.3438	0.3454	Ave		0.3307			0.1000	3.9		15.0			
Cyclohexane	0.3340 0.3898	0.2912 0.3592	0.3583	0.3638	0.3749	Ave		0.3530			0.1000	9.1		15.0			
1,1-Dichloropropene	0.3273 0.3093	0.3070 0.3044	0.3128	0.3083	0.3137	Ave		0.3118				2.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2581 0.2939	0.2554 0.2921	0.2573	0.2680	0.2909	Ave		0.2737			0.1000	6.5		15.0			
Isobutyl alcohol	0.0106 0.0096	0.0118 0.0090	0.0096	0.0092	0.0096	Ave		0.0099				9.8		15.0			
Benzene	1.1454 0.9777	1.0652 1.0667	1.0301	1.0196	1.0518	Ave		1.0509			0.5000	4.9		15.0			
1,2-Dichloroethane	0.3885 0.3324	0.3590 0.3530	0.3467	0.3486	0.3519	Ave		0.3543			0.1000	4.8		15.0			
n-Heptane	0.0493 0.0489	0.0294 0.0431	0.0386	0.0414	0.0396	Lin1	-0.005	0.0442							0.9930		0.9900
Trichloroethene	0.2751 0.2556	0.2617 0.2592	0.2722	0.2658	0.2730	Ave		0.2661			0.2000	2.8		15.0			
Methylcyclohexane	0.3025 0.3628	0.2590 0.3315	0.2976	0.3223	0.3257	Ave		0.3145			0.1000	10.3		15.0			
1,2-Dichloropropane	0.2503 0.2144	0.2422 0.2285	0.2313	0.2318	0.2407	Ave		0.2342			0.1000	4.9		15.0			
Dibromomethane	0.1686 0.1359	0.1537 0.1431	0.1427	0.1473	0.1491	Ave		0.1487				7.0		15.0			
1,4-Dioxane	0.0027 0.0024	0.0023 0.0021	0.0025	0.0027	0.0027	Ave		0.0025				9.7		15.0			
Bromodichloromethane	0.2753 0.2946	0.2940 0.3226	0.2839	0.2895	0.3147	Ave		0.2964			0.1000	5.6		15.0			
2-Chloroethyl vinyl ether	0.1105 0.1122	0.1074 0.1258	0.1121	0.1153	0.1234	Ave		0.1152				6.0		15.0			
cis-1,3-Dichloropropene	0.2903 0.3349	0.2953 0.3723	0.3095	0.3263	0.3672	Ave		0.3280			0.1500	9.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.1680 0.1918	0.1902 0.1990	0.1896	0.1873	0.2030	Ave		0.1898			0.0500	5.9		15.0			
Toluene	1.5017 1.4446	1.4781 1.6471	1.4250	1.4205	1.5133	Ave		1.4900			0.4000	5.2		15.0			
trans-1,3-Dichloropropene	0.3488 0.4112	0.3467 0.4578	0.3525	0.3902	0.4305	Ave		0.3911			0.1000	11.3		15.0			
Ethyl methacrylate	0.2662 0.3456	0.2655 0.3743	0.2760	0.3068	0.3532	Ave		0.3125				14.5		15.0			
1,1,2-Trichloroethane	0.3131 0.2615	0.2797 0.2709	0.2736	0.2823	0.2862	Ave		0.2810			0.1000	5.8		15.0			
Tetrachloroethene	0.3330 0.2841	0.2857 0.2885	0.2818	0.2781	0.2967	Ave		0.2926			0.2000	6.4		15.0			
1,3-Dichloropropane	0.5246 0.4664	0.5114 0.4971	0.5059	0.4948	0.5021	Ave		0.5003				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.1672 0.1736	0.1699 0.1723	0.1603	0.1688	0.1761	Ave		0.1698			0.0500	3.0		15.0			
Dibromochloromethane	0.2366 0.2993	0.2567 0.3306	0.2661	0.2732	0.3096	Ave		0.2817				11.6		15.0			
1,2-Dibromoethane	0.2764 0.2724	0.2646 0.2837	0.2503	0.2739	0.2865	Ave		0.2725				4.5		15.0			
Chlorobenzene	0.9905 0.9215	0.9541 0.9901	0.9508	0.9618	0.9770	Ave		0.9637			0.3000	2.6		15.0			
1,1,1,2-Tetrachloroethane	0.2776 0.3303	0.2881 0.3559	0.3154	0.3218	0.3460	Ave		0.3193				9.0		15.0			
Ethylbenzene	0.4968 0.5027	0.4828 0.5356	0.4808	0.4888	0.5305	Ave		0.5026				4.4		15.0			
m-Xylene & p-Xylene	0.5798 0.6297	0.5575 0.6639	0.5971	0.6068	0.5733	Ave		0.6012				6.0		15.0			
o-Xylene	0.5320 0.6217	0.5651 0.6762	0.5750	0.6049	0.6036	Ave		0.5969				7.7		15.0			
Styrene	0.8405 1.0572	0.8487 1.1974	0.8768	0.9758	1.0157	Ave		0.9732			0.3000	13.4		15.0			
Bromoform	0.1571 0.2004	0.1575 0.2291	0.1631	0.1736	0.1945	Ave		0.1822			0.1000	14.8		15.0			
Isopropylbenzene	1.3238 1.6576	1.2674 1.8024	1.4275	1.5101	1.5793	Ave		1.5097			0.1000	12.5		15.0			
1,1,2,2-Tetrachloroethane	0.6360 0.6040	0.6329 0.5976	0.6209	0.6110	0.6383	Ave		0.6201			0.3000	2.6		15.0			
Bromobenzene	0.8001 0.6932	0.7459 0.7093	0.7303	0.7276	0.7324	Ave		0.7341				4.6		15.0			
1,2,3-Trichloropropane	0.2183 0.2038	0.2576 0.1962	0.2137	0.2194	0.2171	Ave		0.2180				8.9		15.0			
trans-1,4-Dichloro-2-butene	0.2075 0.1998	0.1781 0.1966	0.1830	0.1661	0.2009	Ave		0.1903				7.8		15.0			
N-Propylbenzene	0.6116 0.7284	0.6386 0.7506	0.6933	0.7402	0.7626	Ave		0.7036				8.3		15.0			
2-Chlorotoluene	0.6566 0.6365	0.6780 0.6434	0.6623	0.6364	0.6860	Ave		0.6570				3.0		15.0			
1,3,5-Trimethylbenzene	1.6963 2.1622	1.8455 2.3447	1.9011	2.0426	2.2341	Ave		2.0324				11.4		15.0			
4-Chlorotoluene	0.6439 0.6935	0.6990 0.7194	0.6656	0.6925	0.7421	Ave		0.6937				4.7		15.0			
tert-Butylbenzene	1.6145 1.8645	1.5963 1.9300	1.7599	1.7724	1.9262	Ave		1.7806				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.1077 2.2890	2.0342 2.4728	2.0415	2.1970	2.4160	Ave		2.2226				7.9		15.0			
sec-Butylbenzene	1.9388 2.4846	2.1534 2.6180	2.1867	2.3241	2.5155	Ave		2.3173				10.3		15.0			
1,3-Dichlorobenzene	1.4675 1.3090	1.3805 1.3608	1.3510	1.3428	1.4138	Ave		1.3751			0.6000	3.8		15.0			
p-Isopropyltoluene	1.7191 2.2370	1.7806 2.4373	1.9795	2.0723	2.2708	Ave		2.0709				12.7		15.0			
1,4-Dichlorobenzene	1.5021 1.3812	1.5177 1.4129	1.4182	1.4017	1.4978	Ave		1.4474			0.5000	3.9		15.0			
n-Butylbenzene	1.3933 1.7156	1.4227 1.7988	1.4703	1.6110	1.7497	Ave		1.5945				10.4		15.0			
1,2-Dichlorobenzene	1.3196 1.2764	1.3719 1.2867	1.3402	1.3154	1.3934	Ave		1.3291			0.4000	3.2		15.0			
1,2-Dibromo-3-Chloropropane	0.0961 0.1330	0.0948 0.1119	0.1082	0.1009	0.1141	Ave		0.1084			0.0500	12.1		15.0			
1,2,4-Trichlorobenzene	0.8976 0.7771	0.8558 0.7077	0.8693	0.8206	0.8326	Ave		0.8230			0.2000	7.7		15.0			
Hexachlorobutadiene	0.3143 0.2739	0.3028 0.2463	0.3025	0.2992	0.2993	Ave		0.2912				8.0		15.0			
Naphthalene	1.8805 2.1523	2.0421 1.8342	2.0598	2.0535	2.1417	Ave		2.0234				6.0		15.0			
1,2,3-Trichlorobenzene	0.8427 0.7352	0.8414 0.6087	0.8664	0.7993	0.8150	Ave		0.7870				11.3		15.0			
Dibromofluoromethane (Surr)	0.2463 0.2220	0.2463 0.2239	0.2339	0.2284	0.2375	Ave		0.2341				4.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3305 0.2719	0.3160 0.2737	0.2937	0.2907	0.2945	Ave		0.2958				7.2		15.0			
Toluene-d8 (Surr)	1.3377 1.2414	1.2237 1.3339	1.1875	1.2376	1.2927	Ave		1.2650				4.5		15.0			
4-Bromofluorobenzene (Surr)	0.4225 0.4246	0.4122 0.4347	0.4494	0.4250	0.4401	Ave		0.4298				2.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-206893/8	UXX3045.D
Level 2	STD8260 240-206893/7	UXX3044.D
Level 3	STD8260 240-206893/6	UXX3043.D
Level 4	STD8260 240-206893/5	UXX3042.D
Level 5	STD8260 240-206893/4	UXX3041.D
Level 6	STD8260 240-206893/3	UXX3040.D
Level 7	STD8260 240-206893/2	UXX3039.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	17265 898833	33006 1600119	74869	191559	391222	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Chloromethane	FB	Ave	25953 907247	45204 1815442	94867	224619	461389	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Vinyl chloride	FB	Ave	23834 945047	42885 1801704	90673	225779	455798	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Butadiene	FB	Ave	26056 972071	47271 1839739	89091	229854	452088	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Bromomethane	FB	Ave	19132 799715	34204 1857581	73707	181401	360681	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Chloroethane	FB	Ave	18385 776852	38584 1686308	73842	184077	380132	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Dichlorofluoromethane	FB	Ave	44411 1782274	88674 3909191	172515	430010	857882	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Trichlorofluoromethane	FB	Ave	18196 1091877	33141 2293874	75101	216066	421680	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Ethyl ether	FB	Ave	19045 710563	34078 1587337	64338	168130	353478	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Acrolein	FB	Ave	8489 359160	19376 795558	34588	88407	181579	2.50 100	5.00 200	10.0	25.0	50.0
1,1-Dichloroethene	FB	Ave	15365 736872	31365 1545523	64962	165790	354730	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	12434 619515	19429 1185805	46085	121672	264579	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Acetone	FB	Lin1	32759 417420	39766 861052	59957	114218	212684	1.00 40.0	2.00 80.0	4.00	10.0	20.0
Iodomethane	FB	Ave	26435 1186825	52396 2629420	110159	281413	597660	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Carbon disulfide	FB	Ave	44863 2311463	87391 5047429	182691	497083	1101772	0.500 20.0	1.00 40.0	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	9797 524913	21296 1144481	43357	114365	257638	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Methyl acetate	FB	Ave	70054 2868384	127982 6513770	261663	640721	1367770	2.50 100	5.00 200	10.0	25.0	50.0
Methylene Chloride	FB	Lin1	55155 801591	73466 1789870	108826	220889	426067	0.500 20.0	1.00 40.0	2.00	5.00	10.0
tert-Butyl alcohol (TBA)	FB	Ave	10983 574602	26180 1151497	49070	134137	276917	5.00 200	10.0 400	20.0	50.0	100
Acrylonitrile	FB	Ave	60783 3020204	126451 6897566	253134	665910	1411077	5.00 200	10.0 400	20.0	50.0	100
Methyl tert-butyl ether	FB	Ave	47842 2430270	95701 5790520	198467	522762	1151925	0.500 20.0	1.00 40.0	2.00	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	17799 857269	38806 1897485	73658	188763	412242	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Hexane	FB	Ave	4500 201566	6140 379634	13398	40819	79306	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1-Dichloroethane	FB	Ave	31639 1455854	67157 3273555	131442	339908	730534	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Vinyl acetate	FB	Ave	31398 1535147	66340 3672265	116260	325558	703234	0.500 20.0	1.00 40.0	2.00	5.00	10.0
2,2-Dichloropropane	FB	Ave	16919 882981	34553 1912854	75111	196812	435212	0.500 20.0	1.00 40.0	2.00	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	19401 884971	42526 1938749	78432	209224	438568	0.500 20.0	1.00 40.0	2.00	5.00	10.0
2-Butanone (MEK)	FB	Lin1	17932 601483	31582 1339128	59718	143982	298909	1.00 40.0	2.00 80.0	4.00	10.0	20.0
Bromochloromethane	FB	Ave	10507 427699	20452 934969	38634	104868	219653	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Tetrahydrofuran	FB	Ave	10930 433023	20404 916582	35621	97826	207524	1.00 40.0	2.00 80.0	4.00	10.0	20.0
Chloroform	FB	Ave	30089 1423153	63632 3143103	126576	330276	699312	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	22908 1130178	43503 2391728	90053	255755	543557	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Cyclohexane	FB	Ave	22544 1329454	40179 2645663	102526	270634	590080	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1-Dichloropropene	FB	Ave	22086 1054925	42352 2242384	89507	229387	493783	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Carbon tetrachloride	FB	Ave	17421 1002356	35236 2151640	73629	199382	457894	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Isobutyl alcohol	CBZ	Ave	12612 569173	29509 1174558	49336	121468	270636	12.5 500	25.0 1000	50.0	125	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	77298 3334803	146955 7857895	294765	758516	1655327	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dichloroethane	FB	Ave	26217 1133832	49525 2600255	99195	259306	553764	0.500 20.0	1.00 40.0	2.00	5.00	10.0
n-Heptane	FB	Lin1	3325 166762	4058 317276	11032	30785	62361	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Trichloroethene	FB	Ave	18563 871874	36102 1909675	77883	197763	429652	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Methylcyclohexane	FB	Ave	20417 1237549	35733 2441887	85142	239788	512564	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dichloropropane	FB	Ave	16894 731313	33414 1683412	66182	172428	378861	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Dibromomethane	FB	Ave	11381 463530	21210 1054246	40844	109609	234626	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,4-Dioxane	FB	Ave	3602 166992	6320 302882	14382	40077	84876	10.0 400	20.0 800	40.0	100	200
Bromodichloromethane	FB	Ave	18579 1004770	40564 2376308	81222	215341	495322	0.500 20.0	1.00 40.0	2.00	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	14919 765094	29621 1853882	64179	171500	388433	1.00 40.0	2.00 80.0	4.00	10.0	20.0
cis-1,3-Dichloropropene	FB	Ave	19595 1142246	40738 2742359	88563	242733	577839	0.500 20.0	1.00 40.0	2.00	5.00	10.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	22677 1308361	52471 2931616	108492	278647	639088	1.00 40.0	2.00 80.0	4.00	10.0	20.0
Toluene	CBZ	Ave	71518 3417455	147451 8551971	293542	750449	1705813	0.500 20.0	1.00 40.0	2.00	5.00	10.0
trans-1,3-Dichloropropene	CBZ	Ave	16613 972870	34584 2376876	72622	206130	485276	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Ethyl methacrylate	CBZ	Ave	12678 817653	26483 1943325	56850	162055	398125	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	14909 618556	27906 1406801	56358	149135	322593	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Tetrachloroethene	CBZ	Ave	15858 672151	28500 1498132	58058	146922	334467	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,3-Dichloropropane	CBZ	Ave	24983 1103440	51017 2580934	104220	261387	565946	0.500 20.0	1.00 40.0	2.00	5.00	10.0
2-Hexanone	CBZ	Ave	15929 821590	33891 1789608	66054	178392	397090	1.00 40.0	2.00 80.0	4.00	10.0	20.0
Dibromochloromethane	CBZ	Ave	11266 708035	25612 1716296	54814	144317	349045	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	13165 644368	26396 1472985	51567	144697	322932	0.500 20.0	1.00 40.0	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	47172 2180031	95179 5140823	195854	508109	1101321	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	13219 781292	28739 1847738	64970	170005	390016	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Ethylbenzene	CBZ	Ave	23661 1189183	48166 2781160	99045	258233	598009	0.500 20.0	1.00 40.0	2.00	5.00	10.0
m-Xylene & p-Xylene	CBZ	Ave	27613 1489611	55612 3447096	122998	320538	646301	0.500 20.0	1.00 40.0	2.00	5.00	10.0
o-Xylene	CBZ	Ave	25337 1470848	56368 3510865	118451	319583	680416	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Styrene	CBZ	Ave	40028 2501041	84665 6217212	180628	515514	1144967	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Bromoform	CBZ	Ave	7483 474080	15707 1189437	33595	91697	219244	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Isopropylbenzene	CBZ	Ave	63042 3921294	126433 9358353	294064	797791	1780215	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,1,2,2-Tetrachloroethane	DCB	Ave	17183 873113	35340 1921331	73647	193446	423089	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Bromobenzene	DCB	Ave	21616 1002060	41651 2280655	86623	230348	485443	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2,3-Trichloropropane	DCB	Ave	5898 294541	14385 630912	25345	69463	143889	0.500 20.0	1.00 40.0	2.00	5.00	10.0
trans-1,4-Dichloro-2-butene	DCB	Ave	5606 288879	9945 632232	21702	52571	133183	0.500 20.0	1.00 40.0	2.00	5.00	10.0
N-Propylbenzene	DCB	Ave	16522 1052947	35662 2413401	82228	234349	505489	0.500 20.0	1.00 40.0	2.00	5.00	10.0
2-Chlorotoluene	DCB	Ave	17738 920064	37858 2068657	78556	201473	454727	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,3,5-Trimethylbenzene	DCB	Ave	45828 3125380	103057 7538766	225491	646650	1480857	0.500 20.0	1.00 40.0	2.00	5.00	10.0
4-Chlorotoluene	DCB	Ave	17395 1002418	39034 2313127	78948	219229	491892	0.500 20.0	1.00 40.0	2.00	5.00	10.0
tert-Butylbenzene	DCB	Ave	43619 2695135	89141 6205575	208741	561094	1276733	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2,4-Trimethylbenzene	DCB	Ave	56942 3308757	113592 7950697	242142	695541	1601393	0.500 20.0	1.00 40.0	2.00	5.00	10.0
sec-Butylbenzene	DCB	Ave	52380 3591513	120249 8417653	259369	735761	1667345	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,3-Dichlorobenzene	DCB	Ave	39647 1892165	77090 4375383	160243	425101	937107	0.500 20.0	1.00 40.0	2.00	5.00	10.0
p-Isopropyltoluene	DCB	Ave	46443 3233508	99428 7836422	234790	656047	1505160	0.500 20.0	1.00 40.0	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 09:23 Calibration End Date: 11/16/2015 11:35 Calibration ID: 31566

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	40581 1996520	84749 4542939	168209	443754	992814	0.500 20.0	1.00 40.0	2.00	5.00	10.0
n-Butylbenzene	DCB	Ave	37643 2479891	79444 5783584	174386	510006	1159746	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dichlorobenzene	DCB	Ave	35650 1845033	76608 4137023	158959	416422	923596	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2597 192198	5294 359844	12835	31935	75606	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2,4-Trichlorobenzene	DCB	Ave	24251 1123256	47787 2275298	103111	259789	551862	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Hexachlorobutadiene	DCB	Ave	8491 395958	16907 791778	35885	94721	198391	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Naphthalene	DCB	Ave	50804 3111111	114032 5897375	244314	650107	1419614	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2,3-Trichlorobenzene	DCB	Ave	22766 1062726	46984 1957067	102768	253046	540232	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	16622 757265	33976 1649233	66937	169930	373851	0.500 20.0	1.00 40.0	2.00	5.00	10.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	22304 927283	43593 2016090	84041	216265	463511	0.500 20.0	1.00 40.0	2.00	5.00	10.0
Toluene-d8 (Surr)	CBZ	Ave	63707 2936784	122072 6926103	244634	653827	1457157	0.500 20.0	1.00 40.0	2.00	5.00	10.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	20122 1004511	41124 2256868	92570	224511	496055	0.500 20.0	1.00 40.0	2.00	5.00	10.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 12:19 Calibration End Date: 11/16/2015 14:10 Calibration ID: 31568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-206893/15	UXX3052.D
Level 2	STDA9 240-206893/14	UXX3051.D
Level 3	STDA9 240-206893/13	UXX3050.D
Level 4	STDA9 240-206893/12	UXX3049.D
Level 5	STDA9 240-206893/11	UXX3048.D
Level 6	STDA9 240-206893/10	UXX3047.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0271 0.0239	0.0277	0.0237	0.0273	0.0243	Ave		0.0257				7.3		15.0			
Diisopropyl ether	0.2074 0.2141	0.1954	0.2019	0.2122	0.2041	Ave		0.2058				3.4		15.0			
2-Chloro-1,3-butadiene	0.3039 0.3467	0.2883	0.3203	0.3290	0.3231	Ave		0.3186				6.4		15.0			
Ethyl t-butyl ether	0.6075 0.7078	0.5728	0.6237	0.6532	0.6576	Ave		0.6371				7.3		15.0			
Ethyl acetate	0.2145 0.1898	0.2036	0.1879	0.1826	0.1831	Ave		0.1936				6.6		15.0			
Propionitrile	0.0331 0.0315	0.0310	0.0322	0.0316	0.0313	Ave		0.0318				2.4		15.0			
Methacrylonitrile	0.1369 0.1768	0.1321	0.1400	0.1443	0.1510	Ave		0.1468				10.9		15.0			
Tert-amyl methyl ether	0.5203 0.7076	0.5316	0.5643	0.6101	0.6307	Ave		0.5941				11.8		15.0			
n-Butanol	0.0064 0.0067	0.0058	0.0063	0.0072	0.0068	Ave		0.0065				7.4		15.0			
Ethyl acrylate	0.2087 0.2487	0.2044	0.2128	0.2199	0.2344	Ave		0.2215				7.7		15.0			
Methyl methacrylate	0.1502 0.1925	0.1500	0.1715	0.1728	0.1777	Ave		0.1691				9.8		15.0			
2-Nitropropane	0.0327 0.0486	0.0380	0.0364	0.0356	0.0393	Ave		0.0384				14.3		15.0			
n-Butyl acetate	0.1150 0.1544	0.1197	0.1313	0.1462	0.1490	Ave		0.1359				12.0		15.0			
1-Chlorohexane	0.3404 0.3832	0.3136	0.3413	0.3615	0.3608	Ave		0.3501				6.8		15.0			
Cyclohexanone	0.0126 0.0125	0.0121	0.0129	0.0147	0.0127	Ave		0.0129				7.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 12:19 Calibration End Date: 11/16/2015 14:10 Calibration ID: 31568

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	1.8196 2.6705	1.8734	1.9730	2.2718	2.3585	Lin1	-1.283	2.5620							0.9940		0.9900
1,3,5-Trichlorobenzene	0.9002 0.8711	0.8419	0.6795	0.9108	0.8712	Ave		0.8458				10.1		15.0			
2-Methylnaphthalene	0.8988 0.8525	0.9845	0.9275	1.1949	1.1589	Ave		1.0028				14.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 12:19 Calibration End Date: 11/16/2015 14:10 Calibration ID: 31568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-206893/15	UXX3052.D
Level 2	STDA9 240-206893/14	UXX3051.D
Level 3	STDA9 240-206893/13	UXX3050.D
Level 4	STDA9 240-206893/12	UXX3049.D
Level 5	STDA9 240-206893/11	UXX3048.D
Level 6	STDA9 240-206893/10	UXX3047.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	33784 1406719	69938	154507	367519	696514	10.0 400	20.0	50.0	100	200
Diisopropyl ether	FB	Ave	25875 1262849	49353	131398	285976	584031	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloro-1,3-butadiene	FB	Ave	37925 2044723	72816	208447	443487	924411	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl t-butyl ether	FB	Ave	75813 4174265	144670	405956	880359	1881458	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	53521 2238994	102847	244538	492326	1047697	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	41349 1857261	78251	209833	425524	895778	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	170885 10427349	333590	911162	1944419	4319064	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	64925 4173212	134252	367320	822282	1804433	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	14529 717235	26592	75298	175373	343307	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	26045 1466405	51621	138538	296429	670569	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	37489 2270268	75777	223274	465950	1016553	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	8160 573588	19212	47396	95896	225134	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	CBZ	Ave	10448 658195	22007	62743	142693	299255	1.00 40.0	2.00	5.00	10.0	20.0
1-Chlorohexane	CBZ	Ave	30919 1633936	57637	163044	352854	724728	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexanone	DCB	Ave	6117 272895	11951	30713	77762	137248	10.0 400	20.0	50.0	100	200
1,2,3-Trimethylbenzene	DCB	Lin1	88262 5821766	184612	471200	1197911	2539904	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206893

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 12:19 Calibration End Date: 11/16/2015 14:10 Calibration ID: 31568

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	43663 1899076	82961	162288	480277	938233	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	87193 3717072	194029	443041	1260113	2496110	2.00 80.0	4.00	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-193150/20	144584.D
Level 2	IC 240-193150/19	144583.D
Level 3	IC 240-193150/18	144582.D
Level 4	IC 240-193150/17	144581.D
Level 5	IC 240-193150/16	144580.D
Level 6	IC 240-193150/15	144579.D
Level 7	IC 240-193150/14	144578.D
Level 8	IC 240-193150/13	144577.D
Level 9	IC 240-193150/12	144576.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0270 0.0217	0.0199 0.0226	0.0223 0.0219	0.0211 0.0222	0.0231	Ave		0.0224				8.8		15.0			
2-Chloro-1,3-butadiene	0.3946 0.4330	0.4036 0.4520	0.4843 0.4367	0.4330 0.4384	0.4314	Ave		0.4341				6.0		15.0			
Diisopropyl ether	0.1991 0.2087	0.1920 0.2170	0.2189 0.2067	0.2161 0.2066	0.2062	Ave		0.2079				4.2		15.0			
Ethyl t-butyl ether	0.8061 0.8145	0.8124 0.8609	0.8459 0.8423	0.8104 0.8475	0.7961	Ave		0.8262				2.8		15.0			
Ethyl acetate	0.2082 0.1555	0.1520 0.1600	0.1502 0.1572	0.1518 0.1578	0.1525	Ave		0.1606				11.3		15.0			
Propionitrile	0.0291 0.0267	0.0294 0.0281	0.0277 0.0272	0.0279 0.0272	0.0264	Ave		0.0278				3.7		15.0			
Methacrylonitrile	0.1071 0.1082	0.1056 0.1106	0.1086 0.1043	0.1077 0.1034	0.1075	Ave		0.1070				2.1		15.0			
Tert-amyl methyl ether	0.6617 0.6962	0.6767 0.7331	0.7307 0.7077	0.7151 0.7140	0.6826	Ave		0.7020				3.5		15.0			
n-Butanol	0.0138 0.0096	0.0095 0.0106	0.0097 0.0104	0.0114 0.0105	0.0089	Ave		0.0105				13.7		15.0			
Ethyl acrylate	0.2316 0.2216	0.2219 0.2309	0.2178 0.2294	0.2151 0.2318	0.2122	Ave		0.2236				3.4		15.0			
Methyl methacrylate	0.1524 0.1436	0.1363 0.1478	0.1383 0.1452	0.1404 0.1466	0.1384	Ave		0.1432				3.7		15.0			
2-Nitropropane	+++++ 0.0226	0.0209 0.0266	0.0198 0.0269	0.0195 0.0236	0.0194	Ave		0.0224				13.7		15.0			
n-Butyl acetate	+++++ 0.3716	+++++ 0.3944	0.4011 0.3902	0.3921 0.3867	0.3596	Ave		0.3851				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Chlorohexane	0.4929 0.4383	0.4320 0.4614	0.4729 0.4436	0.4373 0.4435	0.4315	Ave		0.4504				4.7		15.0			
Cyclohexanone	0.0128 0.0108	0.0155 0.0119	0.0120 0.0114	0.0149 0.0114	0.0103	Ave		0.0123				14.4		15.0			
1,2,3-Trimethylbenzene	2.8189 3.0746	2.8992 3.2639	3.1500 3.1145	3.0040 3.0651	2.9168	Ave		3.0341				4.6		15.0			
1,3,5-Trichlorobenzene	1.1368 1.0908	1.0640 1.1383	1.1518 1.0486	1.1209 1.0391	1.0725	Ave		1.0959				3.9		15.0			
2-Methylnaphthalene	1.1258 1.2729	1.0980 1.4105	1.0984 1.2876	1.2519 1.2359	1.1966	Ave		1.2197				8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-193150/20	144584.D
Level 2	IC 240-193150/19	144583.D
Level 3	IC 240-193150/18	144582.D
Level 4	IC 240-193150/17	144581.D
Level 5	IC 240-193150/16	144580.D
Level 6	IC 240-193150/15	144579.D
Level 7	IC 240-193150/14	144578.D
Level 8	IC 240-193150/13	144577.D
Level 9	IC 240-193150/12	144576.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetonitrile	FB	Ave	7388 303462	10973 632599	30131 1256831	59051 1567842	126527	10.0 500	20.0 1000	50.0 2000	100 2500	200
2-Chloro-1,3-butadiene	FB	Ave	10787 606721	22288 1265427	65473 2509599	121146 3096439	236791	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Diisopropyl ether	FB	Ave	5444 292480	10602 607343	29596 1187824	60452 1459333	113175	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl t-butyl ether	FB	Ave	22036 1141245	44869 2409991	114365 4840430	226764 5986416	436960	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl acetate	FB	Ave	11385 435795	16786 895870	40612 1806750	84961 2228660	167431	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Propionitrile	FB	Ave	7963 374531	16256 786705	37500 1563948	77984 1921197	145100	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methacrylonitrile	FB	Ave	29273 1516021	58312 3095674	146830 5994798	301406 7302328	590265	10.0 500	20.0 1000	50.0 2000	100 2500	200
Tert-amyl methyl ether	FB	Ave	18089 975479	37373 2052126	98783 4066811	200083 5043426	374623	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butanol	CBZ	Ave	5835 210549	8000 460443	20632 903775	49843 1135945	77408	25.0 1250	50.0 2500	125 5000	250 6250	500
Ethyl acrylate	FB	Ave	6332 310518	12255 646338	29451 1317957	60196 1637141	116465	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl methacrylate	FB	Ave	8332 402313	15055 827639	37395 1668202	78576 2071659	151896	2.00 100	4.00 200	10.0 400	20.0 500	40.0
2-Nitropropane	FB	Ave	+++++ 63467	2313 149194	5344 309024	10920 333900	21282	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
n-Butyl acetate	CBZ	Ave	+++++ 325474	+++++ 683511	34073 1362203	68874 1673169	125276	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1-Chlorohexane	CBZ	Ave	8362 383892	14627 799511	40171 1548771	76810 1919108	150333	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Cyclohexanone	CBZ	Ave	2169 94475	5243 205876	10210 398420	26100 493296	35769	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,2,3-Trimethylbenzene	DCB	Ave	22714 1297881	46268 2748737	129836 5348625	256074 6584366	492514	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trichlorobenzene	DCB	Ave	9160 460463	16981 958626	47473 1800789	95549 2232228	181103	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methylnaphthalene	DCB	Ave	18143 1074702	35046 2375842	90547 4422384	213428 5309881	404111	2.00 100	4.00 200	10.0 400	20.0 500	40.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-196026/11	144943.D
Level 2	IC 240-196026/10	144942.D
Level 3	IC 240-196026/9	144941.D
Level 4	IC 240-196026/8	144940.D
Level 5	IC 240-196026/7	144939.D
Level 6	ICIS 240-196026/6	144938.D
Level 7	IC 240-196026/5	144937.D
Level 8	IC 240-196026/4	144936.D
Level 9	IC 240-196026/3	144935.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.2391	+++++ 0.2507	0.2470 0.2355	0.2306 0.2458	0.2468	Ave		0.2422			0.1000	3.0		15.0			
Chloromethane	0.3754 0.3823	0.4019 0.3850	0.3740 0.3707	0.3723 0.3714	0.3751	Ave		0.3787			0.1000	2.6		15.0			
Vinyl chloride	0.2535 0.2723	0.2872 0.2816	0.2779 0.2705	0.2715 0.2802	0.2773	Ave		0.2747			0.1000	3.5		15.0			
Butadiene	0.2421 0.3144	0.2898 0.3180	0.3006 0.3092	0.3016 0.3170	0.3102	Ave		0.3003				7.9		15.0			
Bromomethane	0.1681 0.1234	0.1376 +++++	0.1308 +++++	0.1354 +++++	0.1348	Ave		0.1383			0.0500	11.1		15.0			
Chloroethane	0.1729 0.1392	0.1452 0.1270	0.1461 +++++	0.1422 +++++	0.1409	Ave		0.1448				9.6		15.0			
Dichlorofluoromethane	0.3353 0.3214	0.3424 0.3238	0.3254 0.3013	0.3326 0.3083	0.3302	Ave		0.3245				4.0		15.0			
Trichlorofluoromethane	0.2372 0.3085	0.2496 0.3130	0.2776 0.2931	0.2862 0.3038	0.2978	Ave		0.2852			0.1000	9.2		15.0			
Ethyl ether	0.2263 0.1633	0.1893 0.1738	0.1892 0.1620	0.1718 0.1640	0.1839	Ave		0.1804				11.2		15.0			
Acrolein	0.0216 0.0171	0.0159 0.0175	0.0196 +++++	0.0166 +++++	0.0179	Ave		0.0180				10.9		15.0			
1,1-Dichloroethene	0.2079 0.2313	0.1781 0.2399	0.2268 0.2226	0.2292 0.2287	0.2305	Ave		0.2217			0.1000	8.3		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1337 0.1711	0.1398 0.1761	0.1720 0.1647	0.1739 0.1677	0.1631	Ave		0.1625			0.0500	9.4		15.0			
Acetone	+++++ 0.0712	+++++ 0.0711	0.1266 0.0622	0.0892 0.0631	0.0783	Lin1	0.6353	0.0626			0.0500				0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.3031 0.3309	0.3161 0.3401	0.3156 0.3166	0.3107 0.3246	0.3168	Ave		0.3194				3.4		15.0			
Carbon disulfide	+++++ 0.6938	+++++ 0.7470	0.5786 0.7111	0.6047 0.7368	0.6277	Ave		0.6714			0.1000	10.0		15.0			
3-Chloro-1-propene	+++++ 0.1475	+++++ 0.1563	0.1275 0.1460	0.1372 0.1497	0.1368	Ave		0.1430				6.8		15.0			
Methyl acetate	0.1615 0.1574	0.1594 0.1602	0.1513 0.1539	0.1584 0.1527	0.1554	Ave		0.1567			0.1000	2.3		15.0			
Methylene Chloride	+++++ 0.2588	+++++ 0.2535	0.5579 0.2285	0.3574 0.2329	0.3001	Lin1	1.5559	0.2263			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0223 0.0196	0.0192 0.0202	0.0186 0.0190	0.0196 0.0197	0.0203	Ave		0.0198				5.4		15.0			
trans-1,2-Dichloroethene	0.2358 0.2589	0.2329 0.2662	0.2511 0.2514	0.2599 0.2562	0.2510	Ave		0.2515			0.1000	4.3		15.0			
Methyl tert-butyl ether	0.5407 0.5781	0.5287 0.5970	0.5676 0.5608	0.5729 0.5665	0.5729	Ave		0.5650			0.1000	3.6		15.0			
Acrylonitrile	0.0788 0.0761	0.0771 0.0770	0.0752 0.0728	0.0765 0.0724	0.0759	Ave		0.0757				2.7		15.0			
Hexane	+++++ 0.0773	+++++ 0.0782	0.1040 0.0738	0.0811 0.0760	0.0806	Ave		0.0816				12.5		15.0			
1,1-Dichloroethane	0.4672 0.5014	0.4509 0.5208	0.4998 0.4916	0.4999 0.5087	0.4920	Ave		0.4925			0.1000	4.3		15.0			
Vinyl acetate	0.0241 0.0308	0.0166 0.0307	0.0238 +++++	0.0268 +++++	0.0267	Lin1	-0.018	0.0303							0.9970		0.9900
2,2-Dichloropropane	0.1821 0.2315	0.1870 0.2370	0.2083 0.2070	0.2175 0.2121	0.2141	Ave		0.2107				8.5		15.0			
cis-1,2-Dichloroethene	0.2557 0.2665	0.2545 0.2811	0.2602 0.2612	0.2694 0.2684	0.2713	Ave		0.2654			0.1000	3.2		15.0			
2-Butanone (MEK)	+++++ 0.0942	0.1118 0.0991	0.0952 0.0916	0.0894 0.0929	0.0959	Ave		0.0962			0.0500	7.2		15.0			
Bromochloromethane	0.0858 0.1003	0.0854 0.1062	0.0973 0.1000	0.0967 0.1004	0.0986	Ave		0.0967				7.1		15.0			
Tetrahydrofuran	+++++ 0.0638	0.0727 0.0652	0.0687 0.0628	0.0716 0.0619	0.0652	Ave		0.0665				6.1		15.0			
Chloroform	0.4109 0.3987	0.3844 0.4148	0.3916 0.3944	0.3857 0.4100	0.3904	Ave		0.3979				2.9		15.0			
1,1,1-Trichloroethane	0.2815 0.3335	0.2455 0.3520	0.3014 0.3288	0.3164 0.3392	0.3164	Ave		0.3127			0.1000	10.5		15.0			
Cyclohexane	0.5387 0.6083	0.4961 0.6348	0.6113 0.5854	0.6257 0.6043	0.6056	Ave		0.5900			0.1000	7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.1974 0.2765	0.2070 0.2949	0.2344 0.2806	0.2508 0.2887	0.2562	Ave		0.2541			0.1000	13.8		15.0			
1,1-Dichloropropene	+++++ 0.3352	+++++ 0.3502	0.3354 0.3258	0.3276 0.3378	0.3200	Ave		0.3331				3.0		15.0			
Benzene	0.9461 1.0076	0.9369 1.0637	0.9831 0.9992	1.0297 1.0364	0.9873	Ave		0.9989			0.5000	4.1		15.0			
Isobutyl alcohol	0.0079 0.0070	0.0073 0.0070	0.0070 0.0065	0.0074 0.0064	0.0078	Ave		0.0071				7.3		15.0			
1,2-Dichloroethane	0.2922 0.2806	0.2538 0.2902	0.2809 0.2746	0.2857 0.2775	0.2775	Ave		0.2792			0.1000	4.0		15.0			
n-Heptane	0.0495 0.0719	0.0549 0.0771	0.0671 0.0732	0.0733 0.0762	0.0704	Ave		0.0682				14.1		15.0			
Trichloroethene	0.2322 0.2352	0.1925 0.2515	0.2312 0.2339	0.2474 0.2400	0.2383	Ave		0.2336			0.2000	7.2		15.0			
Methylcyclohexane	0.3977 0.5007	0.4180 0.5258	0.5131 0.4892	0.4996 0.5023	0.4970	Ave		0.4826			0.1000	9.1		15.0			
1,2-Dichloropropane	0.2351 0.2464	0.2304 0.2703	0.2458 0.2552	0.2519 0.2638	0.2445	Ave		0.2493			0.1000	5.1		15.0			
Dibromomethane	0.1138 0.1049	0.0928 0.1099	0.1030 0.1045	0.0989 0.1052	0.1030	Ave		0.1040				5.7		15.0			
1,4-Dioxane	0.0016 0.0015	0.0018 0.0016	0.0017 0.0016	0.0016 0.0016	0.0018	Ave		0.0017				5.4		15.0			
Bromodichloromethane	+++++ 0.2583	+++++ 0.2789	0.2043 0.2740	0.2214 0.2839	0.2350	Ave		0.2508			0.1000	12.3		15.0			
2-Chloroethyl vinyl ether	0.0880 0.0981	0.0738 0.1047	0.0849 0.1021	0.0908 0.1040	0.0933	Ave		0.0933				10.9		15.0			
cis-1,3-Dichloropropene	+++++ 0.3137	+++++ 0.3452	0.2529 0.3385	0.2764 0.3487	0.2874	Ave		0.3090			0.1500	12.2		15.0			
4-Methyl-2-pentanone (MIBK)	0.3475 0.3097	0.3025 0.3146	0.3102 0.2962	0.3082 0.2899	0.3133	Ave		0.3102			0.0500	5.2		15.0			
Toluene	1.6889 1.6108	1.5730 1.6794	1.5789 1.5858	1.6326 1.6292	1.5722	Ave		1.6167			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	+++++ 0.3786	+++++ 0.4056	0.2981 0.3958	0.3438 0.4021	0.3521	Ave		0.3680			0.1000	10.6		15.0			
Ethyl methacrylate	0.3411 0.2949	0.2728 0.3134	0.2921 0.2986	0.3041 0.3000	0.2937	Ave		0.3012				6.1		15.0			
1,1,2-Trichloroethane	0.2387 0.2409	0.2020 0.2502	0.2341 0.2296	0.2342 0.2336	0.2367	Ave		0.2333			0.1000	5.6		15.0			
Tetrachloroethene	0.2604 0.2924	0.2503 0.3024	0.2921 0.2817	0.2907 0.2908	0.2885	Ave		0.2833			0.2000	6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.4985 0.4202	0.3942 0.4386	0.3932 0.4193	0.4331 0.4249	0.4155	Ave		0.4264				7.3		15.0			
2-Hexanone	0.2259 0.1948	0.2056 0.1966	0.2059 0.1806	0.2139 0.1792	0.2041	Ave		0.2007			0.0500	7.5		15.0			
Dibromochloromethane	+++++ 0.2379	0.1676 0.2584	0.1731 0.2529	0.1970 0.2554	0.2047	Lin1	-0.324	0.2543							0.9990		0.9900
1,2-Dibromoethane	0.1915 0.2254	0.1731 0.2352	0.2140 0.2225	0.2199 0.2231	0.2195	Ave		0.2138				9.0		15.0			
Chlorobenzene	0.8957 0.9330	0.9144 0.9681	0.9220 0.9247	0.9499 0.9450	0.9159	Ave		0.9298			0.3000	2.3		15.0			
1,1,1,2-Tetrachloroethane	0.2424 0.3183	0.2461 0.3292	0.2688 0.3070	0.2915 0.3071	0.3010	Ave		0.2902				10.7		15.0			
Ethylbenzene	0.4967 0.5429	0.5117 0.5557	0.5343 0.5186	0.5496 0.5291	0.5275	Ave		0.5296				3.5		15.0			
m-Xylene & p-Xylene	0.6493 0.6610	0.5935 0.6804	0.6630 0.6340	0.6529 0.6481	0.6392	Ave		0.6468				3.7		15.0			
o-Xylene	0.6484 0.6613	0.5588 0.6783	0.6201 0.6144	0.6581 0.6145	0.6575	Ave		0.6346				5.7		15.0			
Styrene	0.9630 0.9968	0.8800 1.0308	0.8828 0.9707	0.9401 0.9819	0.9540	Ave		0.9556			0.3000	5.2		15.0			
Bromoform	0.0617 0.1189	0.0736 0.1321	0.0749 0.1315	0.0937 0.1318	0.0977	Lin1	-0.136	0.1302			0.1000				0.9970		0.9900
Isopropylbenzene	1.6615 1.8186	1.5426 1.8815	1.7312 1.7266	1.7956 1.7460	1.7709	Ave		1.7416			0.1000	5.6		15.0			
Bromobenzene	0.7018 0.7269	0.6199 0.7522	0.6741 0.7263	0.7025 0.7372	0.6965	Ave		0.7042				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.5544 0.6344	0.5565 0.6397	0.5491 0.6163	0.5930 0.5999	0.6184	Ave		0.5958			0.3000	5.9		15.0			
1,2,3-Trichloropropane	0.1905 0.1847	0.1628 0.1813	0.1632 0.1748	0.1767 0.1723	0.1805	Ave		0.1763				5.3		15.0			
trans-1,4-Dichloro-2-butene	0.2675 0.2192	0.1583 0.2222	0.1934 0.2263	0.2038 0.2273	0.2186	Ave		0.2152				13.7		15.0			
N-Propylbenzene	0.9746 1.0339	0.8541 1.0565	0.8793 1.0140	0.9898 1.0407	0.9489	Ave		0.9769				7.3		15.0			
2-Chlorotoluene	0.8414 0.8319	0.6742 0.8400	0.7804 0.8160	0.8063 0.8183	0.8038	Ave		0.8014				6.4		15.0			
1,3,5-Trimethylbenzene	2.7121 3.3648	2.7168 3.3834	2.9008 3.2276	3.1601 3.2885	3.1601	Ave		3.1016				8.4		15.0			
4-Chlorotoluene	0.8033 0.7833	0.7373 0.8244	0.7337 0.7938	0.7735 0.8011	0.7475	Ave		0.7776				4.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.3374 2.9631	2.4133 3.0556	2.6550 2.8376	2.8314 2.8634	2.8090	Ave		2.7518				8.7		15.0			
1,2,4-Trimethylbenzene	2.7336 3.2868	2.6205 3.3941	2.8875 3.2352	3.0975 3.2908	3.1820	Ave		3.0809				8.8		15.0			
sec-Butylbenzene	3.5842 4.5688	3.5902 4.6258	3.9612 4.3978	4.2686 4.4271	4.3250	Ave		4.1943				9.4		15.0			
1,3-Dichlorobenzene	1.4872 1.4944	1.4279 1.5057	1.4500 1.4639	1.4918 1.4763	1.4693	Ave		1.4741			0.6000	1.7		15.0			
p-Isopropyltoluene	2.6700 3.5326	2.7312 3.5868	3.1681 3.3752	3.3032 3.4312	3.3784	Ave		3.2418				10.2		15.0			
1,4-Dichlorobenzene	1.6796 1.4771	1.4525 1.4817	1.3997 1.4447	1.4789 1.4779	1.4661	Ave		1.4842			0.5000	5.2		15.0			
n-Butylbenzene	2.6703 3.3398	2.7947 3.4180	3.0393 3.3135	3.1433 3.3757	3.2352	Ave		3.1478				8.4		15.0			
1,2-Dichlorobenzene	1.5577 1.4312	1.4056 1.4532	1.3574 1.3836	1.4146 1.3837	1.4022	Ave		1.4210			0.4000	4.1		15.0			
1,2-Dibromo-3-Chloropropane	0.0691 0.0964	0.0727 0.1007	0.0775 0.1005	0.0817 0.0987	0.0866	Ave		0.0871			0.0500	14.3		15.0			
1,2,4-Trichlorobenzene	0.9903 0.9952	0.9066 0.9801	0.9495 0.9392	1.0303 0.9542	1.0144	Ave		0.9733			0.2000	4.0		15.0			
Hexachlorobutadiene	0.3960 0.5853	0.4364 0.5796	0.5790 0.5455	0.5879 0.5625	0.5837	Ave		0.5396				13.3		15.0			
Naphthalene	2.5487 2.3198	2.2039 2.2590	2.1592 2.1437	2.2755 2.0812	2.3749	Ave		2.2629				6.2		15.0			
1,2,3-Trichlorobenzene	0.9121 0.9513	0.9280 0.9117	0.9440 0.8603	0.9768 0.8520	0.9646	Ave		0.9223				4.7		15.0			
Dibromofluoromethane (Surr)	+++++ 0.2047	+++++ 0.2121	0.2454 0.1982	0.2289 0.2019	0.2161	Ave		0.2154				7.8		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2276	+++++ 0.2392	0.3027 0.2282	0.2781 0.2330	0.2521	Ave		0.2516				11.4		15.0			
Toluene-d8 (Surr)	+++++ 1.4443	+++++ 1.4774	1.8704 1.3884	1.6510 1.4120	1.5274	Ave		1.5387				11.1		15.0			
4-Bromofluorobenzene (Surr)	+++++ 1.0832	+++++ 1.0727	1.4341 1.0549	1.2044 1.0662	1.1169	Ave		1.1475				11.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-196026/11	144943.D
Level 2	IC 240-196026/10	144942.D
Level 3	IC 240-196026/9	144941.D
Level 4	IC 240-196026/8	144940.D
Level 5	IC 240-196026/7	144939.D
Level 6	ICIS 240-196026/6	144938.D
Level 7	IC 240-196026/5	144937.D
Level 8	IC 240-196026/4	144936.D
Level 9	IC 240-196026/3	144935.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 356137	+++++ 748933	36569 1466377	68169 1835598	147021	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	10383 569551	22625 1150096	55373 2307997	110043 2773342	223410	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	7011 405713	16172 841040	41149 1684326	80229 2092495	165146	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Butadiene	FB	Ave	6696 468393	16314 949979	44512 1925445	89146 2367224	184770	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Ave	4648 183791	7747 +++++	19368 +++++	40006 +++++	80268	1.00 50.0	2.00 +++++	5.00 +++++	10.0 +++++	20.0
Chloroethane	FB	Ave	4781 207308	8175 379413	21638 +++++	42019 +++++	83922	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
Dichlorofluoromethane	FB	Ave	9272 478742	19276 967265	48180 1875722	98295 2301848	196686	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	6559 459614	14053 934958	41107 1824715	84588 2268583	177390	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl ether	FB	Ave	6258 243336	10659 519027	28019 1008376	50769 1224410	109526	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	2993 127696	4483 261405	14479 +++++	24467 +++++	53257	5.00 250	10.0 500	25.0 +++++	50.0 +++++	100
1,1-Dichloroethene	FB	Ave	5750 344590	10027 716734	33584 1386108	67737 1707262	137258	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	3699 254932	7868 526084	25468 1025667	51393 1251857	97164	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	+++++ 212159	+++++ 424676	37501 774275	52703 941871	93287	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	8383 493006	17794 1015933	46725 1971089	91832 2423809	188704	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbon disulfide	FB	Ave	+++++ 1033515	+++++ 2231244	85670 4427381	178714 5501396	373862	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
3-Chloro-1-propene	FB	Ave	+++++ 219767	+++++ 467005	18885 908999	40539 1117889	81474	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Methyl acetate	FB	Ave	22330 1172266	44885 2392801	112036 4789789	234059 5701867	462647	5.00 250	10.0 500	25.0 1000	50.0 1250	100
Methylene Chloride	FB	Lin1	+++++ 385484	+++++ 757088	82611 1422440	105644 1738961	178739	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
tert-Butyl alcohol (TBA)	FB	Ave	6178 292151	10809 601929	27588 1184581	57843 1471581	120716	10.0 500	20.0 1000	50.0 2000	100 2500	200
trans-1,2-Dichloroethene	FB	Ave	6522 385670	13114 795293	37178 1565230	76822 1912734	149499	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	14953 861134	29764 1783409	84049 3491615	169317 4230179	341246	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrylonitrile	FB	Ave	21785 1133959	43399 2301252	111279 4534284	225966 5402864	451855	10.0 500	20.0 1000	50.0 2000	100 2500	200
Hexane	FB	Ave	+++++ 115126	+++++ 233508	15392 459224	23963 567539	48009	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	12922 746990	25387 1555732	74007 3060770	147740 3798439	293058	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Lin1	667 45823	932 91562	3519 +++++	7932 +++++	15884	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
2,2-Dichloropropane	FB	Ave	5036 344804	10529 708031	30835 1289042	64289 1583856	127532	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	7073 396968	14329 839540	38524 1626156	79621 2004348	161592	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Ave	+++++ 280552	12585 591753	28186 1140829	52850 1386909	114195	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	2372 149423	4806 317360	14400 622349	28593 749740	58707	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Ave	+++++ 189961	8190 389802	20359 781838	42328 924687	77626	+++++ 100	4.00 200	10.0 400	20.0 500	40.0
Chloroform	FB	Ave	11364 593941	21643 1239162	57984 2455954	113989 3061654	232521	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	7784 496863	13820 1051452	44626 2047378	93504 2532683	188459	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	14900 906203	27932 1896235	90514 3644821	184933 4512267	360725	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Ave	5460 411902	11655 880737	34704 1747228	74120 2155848	152621	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	+++++ 499401	+++++ 1046178	49664 2028361	96828 2521880	190594	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzene	FB	Ave	26167 1500996	52745 3177421	145567 6221614	304344 7738061	588026	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isobutyl alcohol	FB	Ave	5460 261074	10213 525940	25933 1010906	54805 1189785	116205	25.0 1250	50.0 2500	125 5000	250 6250	500
1,2-Dichloroethane	FB	Ave	8081 418078	14287 866965	41595 1709845	84448 2072165	165251	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Heptane	FB	Ave	1370 107045	3089 230164	9941 455483	21652 568917	41942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	6423 350358	10835 751379	34227 1456606	73115 1792315	141942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methylcyclohexane	FB	Ave	10999 745915	23534 1570602	75969 3045944	147660 3750421	296027	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	6501 367015	12972 807304	36398 1589013	74445 1969959	145632	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	3146 156268	5223 328160	15254 650540	29240 785166	61356	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	896 45240	2050 96254	4894 200368	9657 245495	21042	20.0 1000	40.0 2000	100 4000	200 5000	400
Bromodichloromethane	FB	Ave	+++++ 384799	+++++ 832998	30251 1706175	65422 2119797	139991	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Ave	4867 292355	8305 625520	25131 1271843	53690 1553516	111110	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 467262	+++++ 1031197	37447 2107636	81678 2603965	171161	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	11429 563617	20282 1178361	55788 2332635	109762 2766526	227626	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	27774 1465877	52739 3144782	141953 6243364	290701 7772646	571155	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 344567	+++++ 759613	26806 1558216	61223 1918393	127919	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Ave	5609 268334	9146 586878	26258 1175568	54145 1431045	106690	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	3926 219261	6772 468456	21044 904034	41703 1114274	86000	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	4283 266087	8391 566338	26258 1109089	51758 1387568	104805	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	8198 382372	13218 821259	35354 1650749	77111 2027259	150930	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	7429 354469	13785 736413	37025 1421673	76163 1709783	148306	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Lin1	+++++ 216458	5618 483817	15565 995515	35077 1218638	74370	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromoethane	CBZ	Ave	3150 205128	5804 440477	19238 875919	39164 1064183	79732	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	14730 849090	30658 1812785	82892 3640404	169143 4508577	332714	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3986 289664	8252 616483	24169 1208539	51910 1465339	109363	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	8169 494070	17157 1040646	48037 2041599	97870 2524079	191624	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	10677 601578	19898 1274050	59612 2495890	116259 3091955	232208	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
o-Xylene	CBZ	Ave	10663 601783	18737 1270093	55753 2418978	117189 2931823	238863	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	15837 907146	29506 1930215	79372 3821764	167399 4684740	346563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Lin1	1015 108179	2467 247433	6730 517661	16693 628700	35497	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBZ	Ave	27324 1654997	51721 3523233	155645 6797585	319732 8330012	643348	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	5573 295347	9956 626961	28765 1217640	58476 1492683	116607	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	4403 257748	8937 533250	23432 1033232	49363 1214765	103530	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	1513 75031	2614 151158	6965 293104	14705 348980	30218	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2124 89070	2543 185204	8252 379325	16966 460351	36604	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	7740 420052	13717 880640	37524 1699968	82391 2107190	158855	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	6682 337984	10827 700147	33303 1368070	67113 1656963	134563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	21538 1367130	43631 2820139	123786 5410976	263032 6658839	529049	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	6379 318271	11841 687196	31307 1330849	64384 1622168	125148	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	18562 1203890	38757 2546917	113296 4757117	235674 5798117	470266	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	21708 1335433	42084 2829044	123218 5423776	257826 6663540	532704	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	28463 1856287	57658 3855727	169034 7372707	355305 8964364	724063	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	11810 607174	22932 1255024	61875 2454144	124176 2989387	245980	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
p-Isopropyltoluene	DCB	Ave	21203 1435272	43863 2989705	135190 5658412	274948 6947777	565586	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	13338 600156	23326 1235039	59729 2421962	123097 2992653	245441	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	21206 1356939	44882 2849004	129694 5555001	261638 6835319	541621	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	12370 581486	22574 1211298	57923 2319608	117745 2801754	234745	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	549 39179	1167 83939	3309 168459	6800 199946	14490	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	7864 404356	14560 816947	40518 1574505	85761 1932210	169826	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	3145 237801	7009 483093	24708 914525	48937 1138913	97726	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	20240 942540	35394 1882955	92141 3593926	189406 4214177	397593	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	7243 386525	14903 759901	40282 1442298	81306 1725103	161494	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Ave	+++++ 304994	+++++ 633562	36336 1234341	67662 1507714	128718	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 339100	+++++ 714630	44817 1421037	82196 1739346	150166	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 1314337	+++++ 2766497	168163 5466311	293978 6736325	554888	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Ave	+++++ 440117	+++++ 894108	61195 1768529	100246 2158955	186984	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 189147

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/15/2015 01:51 Calibration End Date: 07/15/2015 03:38 Calibration ID: 29499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-189147/9	UX88550.D
Level 2	STDA9 240-189147/8	UX88549.D
Level 3	STDA9 240-189147/7	UX88548.D
Level 4	STDA9 240-189147/6	UX88547.D
Level 5	STDA9 240-189147/5	UX88546.D
Level 6	STDA9 240-189147/4	UX88545.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0608 0.0519	0.0530	0.0453	0.0535	0.0494	Ave		0.0523				9.8		15.0			
Isopropyl ether	0.2111 0.2108	0.2141	0.1940	0.2153	0.2219	Ave		0.2112				4.4		15.0			
2-Chloro-1,3-butadiene	0.5517 0.5693	0.5194	0.4971	0.5227	0.5605	Ave		0.5368				5.2		15.0			
Tert-butyl ethyl ether	0.5272 0.6276	0.5357	0.5209	0.6108	0.6398	Ave		0.5770				9.5		15.0			
Ethyl acetate	0.3474 0.3615	0.3251	0.3129	0.3675	0.3570	Ave		0.3452				6.3		15.0			
Propionitrile	0.0595 0.0533	0.0527	0.0465	0.0552	0.0515	Ave		0.0531				8.1		15.0			
Methacrylonitrile	0.2978 0.2716	0.2652	0.2431	0.2765	0.2694	Ave		0.2706				6.5		15.0			
Tert-amyl methyl ether	0.4190 0.4932	0.3977	0.3839	0.4571	0.4777	Ave		0.4381				10.2		15.0			
n-Butanol	0.0085 0.0084	0.0063	0.0049	0.0076	0.0072	Qua	-0.067	0.0065	0.0000004						0.9990		0.9900
Ethyl acrylate	0.3465 0.4122	0.3263	0.3464	0.4078	0.4207	Ave		0.3766				11.0		15.0			
Methyl methacrylate	0.3428 0.3586	0.3255	0.3165	0.3614	0.3716	Ave		0.3461				6.3		15.0			
2-Nitropropane	0.0560 0.0992	0.0577	0.0545	0.0829	0.0884	Qua	-0.574	0.0818	0.0000471						1.0000		0.9900
n-Butyl acetate	0.5759 0.5133	0.4983	0.4371	0.5379	0.5473	Ave		0.5183				9.3		15.0			
1-Chlorohexane	0.4000 0.4054	0.3781	0.3626	0.3734	0.4152	Ave		0.3891				5.3		15.0			
Cyclohexanone	0.0230 0.0165	0.0173	0.0121	0.0165	0.0149	Qua	0.3064	0.0136	0.0000013						0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 189147

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/15/2015 01:51 Calibration End Date: 07/15/2015 03:38 Calibration ID: 29499

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	2.9402 2.9004	2.7999	2.6150	2.7114	2.9307	Ave		2.8163				4.7		15.0			
1,3,5-Trichlorobenzene	1.2299 1.1578	1.1546	1.0879	1.0955	1.1550	Ave		1.1468				4.5		15.0			
2-Methylnaphthalene	2.0008 1.3028	1.6904	1.5655	1.5876	1.5761	Ave		1.6206				14.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 189147

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/15/2015 01:51 Calibration End Date: 07/15/2015 03:38 Calibration ID: 29499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-189147/9	UX88550.D
Level 2	STDA9 240-189147/8	UX88549.D
Level 3	STDA9 240-189147/7	UX88548.D
Level 4	STDA9 240-189147/6	UX88547.D
Level 5	STDA9 240-189147/5	UX88546.D
Level 6	STDA9 240-189147/4	UX88545.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	54039 1946452	95176	170154	485511	904712	50.0 2000	100	200	500	1000
Isopropyl ether	FB	Ave	18760 791322	38415	72928	195279	406204	5.00 200	10.0	20.0	50.0	100
2-Chloro-1,3-butadiene	FB	Ave	49023 2136848	93194	186816	474070	1026070	5.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	46844 2355578	96118	195770	553989	1171169	5.00 200	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	61731 2713629	116657	235203	666637	1307022	10.0 400	20.0	40.0	100	200
Propionitrile	FB	Ave	52860 2001714	94565	174727	500380	942722	50.0 2000	100	200	500	1000
Methacrylonitrile	FB	Ave	264644 10194839	475891	913698	2507397	4932151	50.0 2000	100	200	500	1000
Tert-amyl methyl ether	FB	Ave	37226 1851023	71362	144295	414571	874489	5.00 200	10.0	20.0	50.0	100
n-Butanol	FB	Qua	18792 784490	28157	45708	172807	331694	125 5000	250	500	1250	2500
Ethyl acrylate	FB	Ave	30789 1547078	58546	130182	369840	770109	5.00 200	10.0	20.0	50.0	100
Methyl methacrylate	FB	Ave	60925 2691827	116812	237896	655501	1360547	10.0 400	20.0	40.0	100	200
2-Nitropropane	FB	Qua	9958 744616	20703	40995	150340	323825	10.0 400	20.0	40.0	100	200
n-Butyl acetate	FB	Ave	51170 1926459	89406	164263	487893	1001885	5.00 200	10.0	20.0	50.0	100
1-Chlorohexane	CBZ	Ave	25554 1065503	48122	99357	244163	549387	5.00 200	10.0	20.0	50.0	100
Cyclohexanone	CBZ	Qua	14662 433012	22018	33024	108174	196967	50.0 2000	100	200	500	1000
1,2,3-Trimethylbenzene	DCB	Ave	99284 4034098	189500	360620	942781	2000672	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 189147

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/15/2015 01:51 Calibration End Date: 07/15/2015 03:38 Calibration ID: 29499

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	41531 1610278	78143	150029	380909	788451	5.00 200	10.0	20.0	50.0	100
2-Methylnaphthalene	DCB	Ave	135125 3624085	228819	431799	1104036	2151886	10.0 400	20.0	40.0	100	200

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-191232/10	UX88725.D
Level 2	STD8260 240-191232/9	UX88724.D
Level 3	STD8260 240-191232/8	UX88723.D
Level 4	STD8260 240-191232/7	UX88722.D
Level 5	ICIS 240-191232/6	UX88721.D
Level 6	STD8260 240-191232/5	UX88720.D
Level 7	STD8260 240-191232/4	UX88719.D
Level 8	STD8260 240-191232/3	UX88718.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1321 0.1303	0.1134 0.1532	0.1571 0.1672	0.1280	0.1474	Ave		0.1411			0.1000	12.7		15.0			
Chloromethane	0.2636 0.2350	0.2111 0.2667	0.2993 0.2673	0.2283	0.2646	Ave		0.2545			0.1000	11.0		15.0			
Vinyl chloride	0.1348 0.1634	0.1450 0.1856	0.2126 0.1909	0.1655	0.1888	Ave		0.1733			0.1000	14.9		15.0			
Butadiene	0.2213 0.2122	0.2009 0.2434	0.2963 0.2578	0.2093	0.2447	Ave		0.2357				13.4		15.0			
Bromomethane	0.1060 0.0766	0.0664 0.0743	0.1106 0.0718	0.0793	0.0925	Qua	0.0948	0.0765	-0.000026		0.0500				1.0000		0.9900
Chloroethane	+++++ 0.1175	+++++ 0.1203	0.1599 0.1122	0.1095	0.1333	Ave		0.1254				15.0		15.0			
Dichlorofluoromethane	0.2789 0.2670	0.2303 0.2863	0.3705 0.2872	0.2676	0.2967	Ave		0.2856				14.0		15.0			
Trichlorofluoromethane	+++++ 0.2816	0.2474 0.3037	0.3313 0.3036	0.2858	0.2937	Ave		0.2924			0.1000	8.8		15.0			
Ethyl ether	0.3290 0.2911	0.2844 0.2745	0.3352 0.3064	0.2732	0.2945	Ave		0.2985				7.8		15.0			
Acrolein	0.0401 0.0299	0.0285 0.0319	0.0340 0.0322	0.0291	0.0339	Ave		0.0324				11.5		15.0			
1,1-Dichloroethene	+++++ 0.2263	0.1859 0.2212	0.2757 0.2397	0.1969	0.2287	Ave		0.2249			0.1000	13.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1137	0.0845 0.1189	0.1311 0.1255	0.0964	0.1209	Ave		0.1130			0.0500	14.8		15.0			
Acetone	+++++ 0.1711	0.3313 0.1720	0.2706 0.1655	0.1948	0.2037	Lin1	0.7884	0.1657			0.0500				0.9980		0.9900
Iodomethane	0.3851 0.3876	0.3238 0.3697	0.4722 0.3893	0.3363	0.3801	Ave		0.3805				11.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	+++++ 0.8290	0.6093 0.8168	0.8467 0.8950	0.6645	0.7915	Ave		0.7790			0.1000	13.3		15.0			
3-Chloro-1-propene	0.1207 0.1502	0.1138 0.1482	0.1516 0.1562	0.1270	0.1511	Ave		0.1399				11.8		15.0			
Methyl acetate	0.3354 0.3142	0.3163 0.3301	0.3511 0.3448	0.3155	0.3391	Ave		0.3308			0.1000	4.3		15.0			
Methylene Chloride	+++++ 0.3064	+++++ 0.2798	0.5985 0.2919	0.3581	0.3500	Lin1	1.3334	0.2785			0.1000				0.9970		0.9900
2-Methyl-2-propanol	+++++ 0.0277	+++++ 0.0272	0.0338 0.0245	0.0235	0.0306	Ave		0.0279				13.8		15.0			
Acrylonitrile	0.1583 0.1377	0.1330 0.1420	0.1548 0.1447	0.1315	0.1480	Ave		0.1437				6.7		15.0			
Methyl tert-butyl ether	0.8187 0.8349	0.7042 0.8119	0.9030 0.8342	0.7217	0.8500	Ave		0.8098			0.1000	8.2		15.0			
trans-1,2-Dichloroethene	0.2329 0.2670	0.2115 0.2517	0.3039 0.2653	0.2253	0.2651	Ave		0.2529			0.1000	11.6		15.0			
Hexane	0.0890 0.0735	0.0862 0.0721	0.0932 0.0746	0.0702	0.0686	Ave		0.0784				12.1		15.0			
1,1-Dichloroethane	0.5574 0.5921	0.5187 0.5725	0.6500 0.6103	0.5359	0.5798	Ave		0.5771			0.1000	7.2		15.0			
Vinyl acetate	0.4178 0.5446	0.3761 0.5673	0.4691 0.4212	0.4118	0.4997	Ave		0.4635				14.8		15.0			
2-Butanone (MEK)	0.2390 0.2004	0.2440 0.2082	0.2257 0.1964	0.2198	0.2153	Ave		0.2186			0.0500	7.8		15.0			
cis-1,2-Dichloroethene	0.2755 0.2800	0.2525 0.2665	0.3252 0.2808	0.2558	0.2769	Ave		0.2767			0.1000	8.1		15.0			
2,2-Dichloropropane	0.1634 0.2832	0.1626 0.2819	0.2377 0.3000	0.1911	0.2490	Lin1	-0.243	0.2909							0.9960		0.9900
Chlorobromomethane	0.1008 0.1222	0.1092 0.1181	0.1451 0.1235	0.1139	0.1240	Ave		0.1196				10.9		15.0			
Tetrahydrofuran	0.1347 0.1229	0.1241 0.1272	0.1289 0.1259	0.1244	0.1330	Ave		0.1276				3.4		15.0			
Chloroform	0.4864 0.4860	0.4514 0.4611	0.5409 0.4824	0.4469	0.4740	Ave		0.4786				6.2		15.0			
1,1,1-Trichloroethane	0.2548 0.3771	0.2875 0.3627	0.3746 0.3858	0.3120	0.3548	Ave		0.3387			0.1000	14.2		15.0			
Cyclohexane	+++++ 0.6285	0.5035 0.6114	0.6700 0.6338	0.5607	0.6245	Ave		0.6046			0.1000	9.1		15.0			
1,1-Dichloropropene	0.2436 0.3492	0.2972 0.3396	0.3658 0.3545	0.3310	0.3349	Ave		0.3270				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	+++++ 0.3150	+++++ 0.3123	0.2806 0.3387	0.2486	0.2826	Ave		0.2963			0.1000	10.8		15.0			
Isobutyl alcohol	0.0150 0.0120	0.0102 0.0119	0.0149 0.0105	0.0117	0.0129	Ave		0.0124				14.4		15.0			
1,2-Dichloroethane	0.4878 0.4489	0.4876 0.4331	0.4971 0.4344	0.4619	0.4470	Ave		0.4622			0.1000	5.5		15.0			
Benzene	1.0013 1.0551	1.0073 1.0086	1.1409 1.0494	0.9988	1.0195	Ave		1.0351			0.5000	4.6		15.0			
n-Heptane	+++++ 0.0718	0.0621 0.0705	0.0775 0.0718	0.0690	0.0668	Ave		0.0699				6.8		15.0			
Trichloroethene	0.2239 0.2327	0.2323 0.2307	0.2581 0.2415	0.2354	0.2254	Ave		0.2350			0.2000	4.6		15.0			
Methylcyclohexane	+++++ 0.4707	0.3791 0.4551	0.5020 0.4852	0.4076	0.4560	Ave		0.4508			0.1000	9.6		15.0			
1,2-Dichloropropane	0.2306 0.2906	0.2830 0.2784	0.2849 0.2827	0.2866	0.2757	Ave		0.2766			0.1000	6.9		15.0			
1,4-Dioxane	0.0022 0.0022	0.0019 0.0020	0.0026 0.0019	0.0021	0.0023	Ave		0.0021				10.7		15.0			
Dibromomethane	0.1569 0.1384	0.1424 0.1365	0.1563 0.1361	0.1345	0.1351	Ave		0.1420				6.6		15.0			
Dichlorobromomethane	0.2676 0.3273	0.2944 0.3223	0.2959 0.3330	0.2987	0.3002	Ave		0.3049			0.1000	7.0		15.0			
2-Chloroethyl vinyl ether	+++++ 0.0080	+++++ 0.0100	0.0046 0.0099	0.0085	0.0062	Lin1	-0.062	0.0098							0.9920		0.9900
cis-1,3-Dichloropropene	+++++ 0.3370	0.2554 0.3442	0.2510 0.3511	0.3071	0.2799	Ave		0.3036			0.1500	13.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.3441 0.3695	0.3474 0.3838	0.3633 0.3520	0.3808	0.3788	Ave		0.3650			0.0500	4.3		15.0			
Toluene	1.5154 1.5909	1.5612 1.5632	1.6996 1.6699	1.5226	1.5117	Ave		1.5793			0.4000	4.5		15.0			
trans-1,3-Dichloropropene	0.2045 0.4159	0.2604 0.4511	0.2731 0.4740	0.3419	0.3375	Qua	-0.783	0.4260	0.0002631		0.1000				1.0000		0.9900
Ethyl methacrylate	+++++ 0.4407	0.3513 0.4554	0.3902 0.4406	0.4361	0.4254	Ave		0.4200				8.7		15.0			
1,1,2-Trichloroethane	0.2435 0.2780	0.3132 0.2804	0.3064 0.2816	0.2922	0.2709	Ave		0.2833			0.1000	7.6		15.0			
1,3-Dichloropropane	0.4856 0.5423	0.5703 0.5528	0.5925 0.5461	0.5803	0.5378	Ave		0.5510				5.9		15.0			
Tetrachloroethene	0.2330 0.3023	0.2810 0.3014	0.3263 0.3151	0.2940	0.3023	Ave		0.2944			0.2000	9.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.4589 0.3793	0.3890 0.4006	0.4031 0.3485	0.4264	0.3942	Ave		0.4000			0.0500	8.1		15.0			
Chlorodibromomethane	+++++ 0.2915	0.2138 0.2943	0.2332 0.3111	0.2507	0.2583	Ave		0.2647				13.4		15.0			
Ethylene Dibromide	0.2347 0.2762	0.2906 0.2856	0.2933 0.2798	0.2749	0.2702	Ave		0.2757				6.7		15.0			
Chlorobenzene	0.8857 0.9308	0.9993 0.9072	1.0209 0.9233	0.9484	0.8972	Ave		0.9391			0.3000	5.1		15.0			
1,1,1,2-Tetrachloroethane	0.2603 0.3362	0.2227 0.3249	0.3079 0.3316	0.2611	0.3075	Ave		0.2940				14.0		15.0			
Ethylbenzene	0.5325 0.5156	0.5153 0.4931	0.5699 0.4935	0.5118	0.5023	Ave		0.5167				4.9		15.0			
m-Xylene & p-Xylene	0.5111 0.6338	0.5640 0.5968	0.7337 0.5975	0.6178	0.6263	Ave		0.6101				10.4		15.0			
o-Xylene	0.5860 0.6234	0.5597 0.5818	0.7228 0.5693	0.5925	0.6323	Ave		0.6085				8.6		15.0			
Styrene	0.8663 0.9946	0.9107 0.9432	1.0105 0.9228	0.9977	0.9613	Ave		0.9509			0.3000	5.2		15.0			
Bromoform	+++++ 0.1688	+++++ 0.1725	0.1346 0.1745	0.1341	0.1484	Ave		0.1555			0.1000	12.1		15.0			
Isopropylbenzene	1.2399 1.6788	1.3621 1.5275	1.7949 1.5054	1.5320	1.6682	Ave		1.5386			0.1000	11.6		15.0			
1,1,2,2-Tetrachloroethane	1.1178 0.8460	0.7769 0.8566	0.9350 0.7781	0.8033	0.8300	Ave		0.8680			0.3000	13.0		15.0			
Bromobenzene	0.8849 0.9203	1.0157 0.8817	0.9194 0.8479	0.9962	0.8191	Ave		0.9106				7.5		15.0			
1,2,3-Trichloropropane	0.3645 0.2759	0.2752 0.2852	0.3450 0.2570	0.3015	0.2738	Ave		0.2973				12.8		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2732	0.2343 0.3026	0.2506 0.2752	0.2666	0.2431	Ave		0.2637				8.8		15.0			
N-Propylbenzene	0.6914 1.0471	0.9318 0.9818	0.9827 0.9515	1.0468	0.9593	Ave		0.9490				11.8		15.0			
2-Chlorotoluene	0.6794 0.8572	0.7938 0.8212	0.9496 0.7925	0.8401	0.7912	Ave		0.8156				9.3		15.0			
1,3,5-Trimethylbenzene	2.1891 3.3370	2.9109 3.1719	3.3711 3.1546	3.1409	3.0793	Ave		3.0443				12.3		15.0			
4-Chlorotoluene	0.8045 0.8207	0.8195 0.7984	0.8281 0.7676	0.8887	0.7809	Ave		0.8136				4.5		15.0			
tert-Butylbenzene	1.7942 2.8350	2.3516 2.6952	2.5292 2.9278	2.7401	2.5233	Ave		2.5495				14.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	2.4658 3.2632	2.8912 3.1305	3.4321 3.1783	3.1148	3.1141	Ave		3.0738				9.4		15.0			
sec-Butylbenzene	2.4505 3.9697	3.3958 3.8627	3.9265 3.9512	3.7820	3.7587	Ave		3.6371				14.1		15.0			
1,3-Dichlorobenzene	1.6380 1.4856	1.6175 1.5113	1.7985 1.4747	1.5773	1.4995	Ave		1.5753			0.6000	6.9		15.0			
4-Isopropyltoluene	2.0429 3.0339	2.6459 2.9986	3.1244 3.1413	2.8616	2.9162	Ave		2.8456				12.7		15.0			
1,4-Dichlorobenzene	1.7161 1.4483	1.6014 1.4899	1.7260 1.4814	1.5232	1.4329	Ave		1.5524			0.5000	7.5		15.0			
n-Butylbenzene	+++++ 2.6320	2.0158 2.6928	2.8623 2.8570	2.4030	2.5949	Ave		2.5797				11.4		15.0			
1,2-Dichlorobenzene	1.9126 1.3749	1.4808 1.4460	1.7342 1.4671	1.4089	1.4240	Ave		1.5311			0.4000	12.4		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1259	+++++ 0.1571	0.1140 0.1755	0.0955	0.1183	Qua	-0.401	0.1355	0.0002121		0.0500				0.9990		0.9900
1,2,4-Trichlorobenzene	1.2873 1.0593	0.9453 1.1962	1.4224 1.3439	0.8759	1.1578	Lin1	-0.397	1.2545			0.2000				0.9900		0.9900
Hexachlorobutadiene	+++++ 0.6503	+++++ 0.7088	0.7353 0.7901	0.5587	0.6655	Ave		0.6848				11.6		15.0			
Naphthalene	3.5776 2.2692	1.9057 2.6058	2.8701 2.8241	1.8628	2.5181	Qua	-0.246	2.2907	0.0026922						1.0000		0.9900
1,2,3-Trichlorobenzene	1.7206 1.0468	0.9822 1.1480	1.4853 1.2586	0.8691	1.1572	Lin1	0.0849	1.1884							0.9920		0.9900
Dibromofluoromethane (Surr)	+++++ 0.2299	+++++ 0.2198	0.5882 0.2311	0.3575	0.2798	Lin1	1.6313	0.2130							0.9950		0.9900
1,2-Dichloroethane-d4 (Surr)	+++++ 0.3117	+++++ 0.3245	0.8497 0.3370	0.5850	0.4251	Lin1	2.5528	0.3083							0.9930		0.9900
Toluene-d8 (Surr)	+++++ 1.3034	+++++ 1.2868	3.2443 1.3682	2.1008	1.5924	Lin1	8.6927	1.2582							0.9940		0.9900
4-Bromofluorobenzene (Surr)	+++++ 0.3937	+++++ 0.3830	1.0904 0.3654	0.7675	0.5368	Lin1	3.8505	0.3424							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-191232/10	UX88725.D
Level 2	STD8260 240-191232/9	UX88724.D
Level 3	STD8260 240-191232/8	UX88723.D
Level 4	STD8260 240-191232/7	UX88722.D
Level 5	ICIS 240-191232/6	UX88721.D
Level 6	STD8260 240-191232/5	UX88720.D
Level 7	STD8260 240-191232/4	UX88719.D
Level 8	STD8260 240-191232/3	UX88718.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	3474 215398	8087 475117	20438 1007796	46757	82812	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloromethane	FB	Ave	6930 388593	15051 826915	38955 1611037	83414	148640	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl chloride	FB	Ave	3544 270172	10339 575508	27670 1150663	60466	106043	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Butadiene	FB	Ave	5819 350930	14326 754819	38557 1553429	76475	137459	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromomethane	FB	Qua	2787 126612	4734 230400	14393 432898	28988	51977	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloroethane	FB	Ave	+++++ 194201	+++++ 372932	20803 676029	40026	74866	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Dichlorofluoromethane	FB	Ave	7332 441555	16417 887850	48218 1730860	97788	166694	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Trichlorofluoromethane	FB	Ave	+++++ 465612	17638 941746	43115 1829523	104425	165026	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl ether	FB	Ave	8650 481320	20275 851240	43627 1846389	99831	165442	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acrolein	FB	Ave	5276 246804	10142 493854	22099 969388	53238	95240	5.00 250	10.0 500	25.0 1000	50.0	100
1,1-Dichloroethene	FB	Ave	+++++ 374206	13255 686008	35873 1444827	71946	128504	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 188054	6022 368648	17065 756434	35213	67913	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Acetone	FB	Lin1	+++++ 565690	47240 1066719	70438 1995245	142344	228883	+++++ 100	4.00 200	10.0 400	20.0	40.0
Iodomethane	FB	Ave	10124 640930	23087 1146413	61451 2346077	122890	213572	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon disulfide	FB	Ave	+++++ 1370798	43441 2532638	110188 5393852	242831	444651	+++++ 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	3174 248371	8111 459550	19732 941156	46426	84888	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Methyl acetate	FB	Ave	44082 2597514	112759 5117451	228422 10390579	576496	952461	5.00 250	10.0 500	25.0 1000	50.0	100
Methylene Chloride	FB	Lin1	+++++ 506547	+++++ 867437	77886 1758980	130876	196633	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2-Methyl-2-propanol	FB	Ave	+++++ 458456	+++++ 841872	44023 1477308	85925	171659	+++++ 500	+++++ 1000	50.0 2000	100	200
Acrylonitrile	FB	Ave	41604 2276996	94854 4402094	201432 8719139	480494	831302	10.0 500	20.0 1000	50.0 2000	100	200
Methyl tert-butyl ether	FB	Ave	21524 1380396	50202 2517525	117506 5027382	263716	477515	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	6123 441489	15081 780372	39554 1599085	82325	148960	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexane	FB	Ave	2340 121473	6149 223660	12125 449870	25657	38539	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloroethane	FB	Ave	14653 978972	36980 1775266	84582 3678291	195825	325730	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl acetate	FB	Ave	10984 900552	26810 1758987	61044 2538569	150494	280750	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Butanone (MEK)	FB	Ave	12566 662691	34797 1291450	58740 2367067	160626	241864	2.00 100	4.00 200	10.0 400	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	7244 462961	17999 826232	42321 1692517	93478	155557	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2,2-Dichloropropane	FB	Lin1	4296 468274	11593 874180	30936 1808143	69826	139865	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chlorobromomethane	FB	Ave	2649 202074	7783 366251	18888 744297	41627	69660	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrahydrofuran	FB	Ave	7084 406513	17688 788681	33544 1518106	90942	149470	2.00 100	4.00 200	10.0 400	20.0	40.0
Chloroform	FB	Ave	12788 803613	32180 1429887	70395 2907092	163299	266320	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	6699 623476	20498 1124791	48752 2325338	114020	199341	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Cyclohexane	FB	Ave	+++++ 1039262	35895 1895812	87191 3819980	204896	350853	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloropropene	FB	Ave	6403 577421	21185 1053095	47605 2136628	120951	188172	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon tetrachloride	FB	Ave	+++++ 520790	+++++ 968265	36521 2041474	90834	158767	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Isobutyl alcohol	FB	Ave	9845 496725	18100 922435	48378 1586721	107293	181553	25.0 1250	50.0 2500	125 5000	250	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	12825 742241	34763 1343026	64694 2618263	168804	251137	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Benzene	FB	Ave	26325 1744546	71817 3127556	148470 6324576	365003	572779	1.00 50.0	2.00 100	5.00 200	10.0	20.0
n-Heptane	FB	Ave	+++++ 118695	4427 218752	10090 432763	25226	37554	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Trichloroethene	FB	Ave	5887 384809	16560 715274	33589 1455286	86037	126619	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Methylcyclohexane	FB	Ave	+++++ 778240	27025 1411203	65331 2923845	148967	256199	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloropropane	FB	Ave	6063 480527	20173 863200	37078 1703845	104723	154868	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dioxane	FB	Ave	1147 71927	2689 121705	6670 227257	15559	25856	20.0 1000	40.0 2000	100 4000	200	400
Dibromomethane	FB	Ave	4125 228773	10155 423286	20342 820019	49148	75882	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dichlorobromomethane	FB	Ave	7036 541112	20989 999368	38506 2006716	109160	168635	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Chloroethyl vinyl ether	FB	Lin1	+++++ 26619	+++++ 61713	1191 118924	6248	6945	+++++ 100	+++++ 200	10.0 400	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 557159	18205 1067131	32664 2115778	112216	157235	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	18095 1221930	49532 2380397	94566 4242931	278306	425603	2.00 100	4.00 200	10.0 400	20.0	40.0
Toluene	CBZ	Ave	22064 1551933	70621 2781164	122902 5466002	353822	482509	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Qua	2977 405684	11781 802553	19747 1551499	79460	107712	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl methacrylate	CBZ	Ave	+++++ 429950	15891 810182	28220 1442115	101344	135771	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	3546 271178	14166 498965	22155 921874	67905	86457	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	7071 529038	25799 983577	42844 1787500	134844	171656	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrachloroethene	CBZ	Ave	3392 294930	12713 536185	23599 1031265	68313	96485	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Hexanone	CBZ	Ave	13362 739956	35190 1425410	58299 2281643	198186	251682	2.00 100	4.00 200	10.0 400	20.0	40.0
Chlorodibromomethane	CBZ	Ave	+++++ 284330	9669 523664	16863 1018379	58266	82461	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Ethylene Dibromide	CBZ	Ave	3417 269468	13147 508160	21211 915674	63877	86243	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorobenzene	CBZ	Ave	12896 908035	45204 1614116	73822 3021966	220385	286379	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3790 327964	10075 578063	22263 1085341	60676	98153	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylbenzene	CBZ	Ave	7753 502949	23309 877372	41208 1615386	118923	160342	1.00 50.0	2.00 100	5.00 200	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	7442 618258	25510 1061760	53053 1955816	143563	199922	1.00 50.0	2.00 100	5.00 200	10.0	20.0
o-Xylene	CBZ	Ave	8532 608087	25316 1035179	52271 1863497	137690	201835	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Styrene	CBZ	Ave	12613 970267	41194 1678160	73072 3020605	231838	306845	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromoform	CBZ	Ave	+++++ 164641	+++++ 306960	9734 571250	31154	47358	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Isopropylbenzene	CBZ	Ave	18054 1637670	61614 2717802	129792 4927519	355999	532483	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	6700 296525	11939 533483	27248 891333	65067	105628	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromobenzene	DCB	Ave	5304 322557	15609 549088	26793 971254	80691	104239	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	2185 96692	4229 177618	10055 294392	24421	34840	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 95739	3600 188429	7302 315306	21597	30943	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
N-Propylbenzene	DCB	Ave	4144 366998	14319 611453	28637 1089957	84787	122083	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Chlorotoluene	DCB	Ave	4072 300431	12199 511446	27674 907841	68050	100686	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	13121 1169588	44732 1975399	98237 3613779	254411	391875	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Chlorotoluene	DCB	Ave	4822 287644	12593 497220	24131 879335	71988	99384	1.00 50.0	2.00 100	5.00 200	10.0	20.0
tert-Butylbenzene	DCB	Ave	10754 993643	36137 1678494	73704 3353932	221951	321117	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	14780 1143743	44429 1949583	100016 3640920	252297	396302	1.00 50.0	2.00 100	5.00 200	10.0	20.0
sec-Butylbenzene	DCB	Ave	14688 1391355	52184 2405595	114424 4526241	306344	478337	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	9818 520708	24857 941170	52412 1689365	127765	190835	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Isopropyltoluene	DCB	Ave	12245 1063373	40660 1867477	91050 3598534	231794	371116	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 191232

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/30/2015 02:35 Calibration End Date: 07/30/2015 05:04 Calibration ID: 29903

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dichlorobenzene	DCB	Ave	10286 507629	24609 927871	50299 1697055	123381	182351	1.00 50.0	2.00 100	5.00 200	10.0	20.0
n-Butylbenzene	DCB	Ave	+++++ 922495	30977 1677021	83412 3272827	194646	330234	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	11464 481899	22755 900531	50538 1680638	114123	181216	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Qua	+++++ 44124	+++++ 97839	3321 201076	7732	15050	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Lin1	7716 371288	14526 744987	41451 1539552	70950	147347	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexachlorobutadiene	DCB	Ave	+++++ 227915	+++++ 441429	21427 905098	45253	84698	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Naphthalene	DCB	Qua	21444 795334	29285 1622846	83637 3235092	150891	320459	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Lin1	10313 366883	15094 714939	43284 1441752	70395	147264	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromofluoromethane (Surr)	FB	Lin1	+++++ 380111	+++++ 681545	76539 1392712	130630	157205	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Lin1	+++++ 515428	+++++ 1006250	110575 2030768	213759	238799	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Toluene-d8 (Surr)	CBZ	Lin1	+++++ 1271417	+++++ 2289533	234607 4478330	488197	508293	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Lin1	+++++ 384065	+++++ 681493	78853 1195926	178351	171339	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-206828/10	UX80801.D
Level 2	STD8260 240-206828/9	UX80800.D
Level 3	STD8260 240-206828/8	UX80799.D
Level 4	STD8260 240-206828/7	UX80798.D
Level 5	ICIS 240-206828/6	UX80797.D
Level 6	STD8260 240-206828/5	UX80796.D
Level 7	STD8260 240-206828/4	UX80795.D
Level 8	STD8260 240-206828/3	UX80794.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1577 0.1509	0.1303 0.1367	0.1661 0.1463	0.1667	0.1431	Ave		0.1497			0.1000	8.8		15.0			
Chloromethane	0.1942 0.1878	0.1925 0.1697	0.2201 0.1776	0.2165	0.1804	Ave		0.1924			0.1000	9.3		15.0			
Vinyl chloride	0.1363 0.1294	0.1352 0.1209	0.1624 0.1282	0.1436	0.1232	Ave		0.1349			0.1000	9.9		15.0			
Butadiene	0.1536 0.1599	0.1734 0.1504	0.2000 0.1592	0.1773	0.1542	Ave		0.1660				10.1		15.0			
Bromomethane	0.0711 0.0708	0.0867 0.0508	0.0832 +++++	0.0869	0.0689	Qua	-0.028	0.0875	-0.000362		0.0500				0.9980		0.9900
Chloroethane	0.0904 0.0920	0.1159 0.0792	0.1109 0.0811	0.1096	0.0894	Ave		0.0960				14.7		15.0			
Dichlorofluoromethane	0.2394 0.2116	0.2312 0.1877	0.2630 0.1900	0.2431	0.2122	Ave		0.2223				11.9		15.0			
Trichlorofluoromethane	0.2650 0.2551	0.2457 0.2403	0.3132 0.2226	0.2889	0.2475	Ave		0.2598			0.1000	11.1		15.0			
Ethyl ether	0.2957 0.2391	0.2683 0.2297	0.2653 0.2354	0.2775	0.2368	Ave		0.2560				9.4		15.0			
Acrolein	0.0282 0.0262	0.0290 0.0274	0.0280 0.0276	0.0304	0.0275	Ave		0.0281				4.5		15.0			
1,1-Dichloroethene	0.2329 0.2474	0.2133 0.2124	0.2592 0.2131	0.2650	0.2210	Ave		0.2330			0.1000	9.3		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1219 0.1353	0.1071 0.1099	0.1405 0.1205	0.1490	0.1188	Ave		0.1254			0.0500	11.8		15.0			
Acetone	0.4855 0.1448	0.3415 0.1320	0.2016 0.1362	0.1908	0.1481	Lin1	0.7582	0.1332			0.0500				0.9980		0.9900
Iodomethane	0.4693 0.4490	0.4625 0.3967	0.5054 0.4000	0.5032	0.4141	Ave		0.4500				9.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.5343 0.7408	0.5526 0.6561	0.6854 0.6642	0.7469	0.6396	Ave		0.6525			0.1000	11.9		15.0			
3-Chloro-1-propene	0.0984 0.1492	0.1171 0.1316	0.1513 0.1372	0.1573	0.1327	Ave		0.1344				14.5		15.0			
Methyl acetate	0.2863 0.2624	0.2829 0.2514	0.2782 0.2740	0.2771	0.2467	Ave		0.2699			0.1000	5.4		15.0			
Methylene Chloride	+++++ 0.3009	1.1935 0.2560	0.5815 0.2587	0.4855	0.3682	Lin1	1.9203	0.2493			0.1000				0.9970		0.9900
2-Methyl-2-propanol	0.0257 0.0244	0.0221 0.0229	0.0250 0.0196	0.0253	0.0258	Ave		0.0239				9.1		15.0			
Acrylonitrile	0.1247 0.1148	0.1251 0.1071	0.1229 0.1130	0.1230	0.1079	Ave		0.1173				6.4		15.0			
Methyl tert-butyl ether	0.7152 0.7613	0.7521 0.6900	0.7778 0.7306	0.8069	0.6938	Ave		0.7410			0.1000	5.6		15.0			
trans-1,2-Dichloroethene	0.2599 0.2730	0.2822 0.2397	0.3061 0.2398	0.3127	0.2580	Ave		0.2714			0.1000	10.2		15.0			
Hexane	0.0793 0.0761	0.0674 0.0682	0.0830 0.0701	0.0781	0.0731	Ave		0.0744				7.6		15.0			
1,1-Dichloroethane	0.5092 0.5152	0.4879 0.4625	0.5492 0.4800	0.5558	0.4735	Ave		0.5041			0.1000	6.9		15.0			
Vinyl acetate	+++++ 0.6646	+++++ 0.6658	0.6233 0.7440	0.6415	0.6274	Ave		0.6611				6.7		15.0			
2,2-Dichloropropane	0.2180 0.2975	0.2058 0.2625	0.2605 0.2585	0.2861	0.2463	Ave		0.2544				12.2		15.0			
2-Butanone (MEK)	0.2225 0.1793	0.1969 0.1761	0.1845 0.1806	0.1794	0.1772	Ave		0.1871			0.0500	8.4		15.0			
cis-1,2-Dichloroethene	0.2846 0.2988	0.2977 0.2594	0.3287 0.2651	0.3326	0.2731	Ave		0.2925			0.1000	9.4		15.0			
Chlorobromomethane	0.1377 0.1505	0.1515 0.1358	0.1647 0.1429	0.1637	0.1401	Ave		0.1484				7.6		15.0			
Chloroform	0.4268 0.4815	0.4597 0.4301	0.5165 0.4447	0.5019	0.4397	Ave		0.4626				7.3		15.0			
Tetrahydrofuran	0.1115 0.1050	0.1112 0.1018	0.1081 0.1079	0.1073	0.0974	Ave		0.1063				4.5		15.0			
1,1,1-Trichloroethane	0.3464 0.4190	0.3023 0.3666	0.4016 0.3726	0.4152	0.3653	Ave		0.3736			0.1000	10.4		15.0			
Cyclohexane	0.4788 0.5289	0.3947 0.4551	0.5462 0.4606	0.5452	0.4879	Ave		0.4872			0.1000	10.7		15.0			
1,1-Dichloropropene	0.3313 0.3423	0.2855 0.3043	0.3343 0.3085	0.3478	0.3162	Ave		0.3213				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2800 0.3774	0.2479 0.3373	0.3418 0.3429	0.3557	0.3254	Ave		0.3261			0.1000	12.9		15.0			
Isobutyl alcohol	0.0094 0.0113	0.0096 0.0104	0.0110 0.0097	0.0111	0.0123	Ave		0.0106				9.4		15.0			
1,2-Dichloroethane	0.4229 0.4352	0.4216 0.3965	0.4600 0.4193	0.4611	0.4079	Ave		0.4281			0.1000	5.4		15.0			
Benzene	0.9959 0.9946	1.0162 0.8864	1.0849 0.9077	1.0661	0.9252	Ave		0.9846			0.5000	7.4		15.0			
n-Heptane	0.0840 0.0830	0.0622 0.0751	0.0874 0.0777	0.0881	0.0761	Ave		0.0792				10.7		15.0			
Trichloroethene	0.2820 0.3009	0.2885 0.2752	0.3212 0.2742	0.3179	0.2796	Ave		0.2924			0.2000	6.4		15.0			
1,2-Dichloropropane	0.2491 0.2618	0.2407 0.2337	0.2712 0.2425	0.2650	0.2435	Ave		0.2509			0.1000	5.3		15.0			
Methylcyclohexane	0.4420 0.4610	0.3306 0.4074	0.4650 0.4066	0.4787	0.4270	Ave		0.4273			0.1000	11.0		15.0			
Dibromomethane	0.1474 0.1459	0.1413 0.1363	0.1504 0.1429	0.1496	0.1379	Ave		0.1440				3.6		15.0			
1,4-Dioxane	0.0023 0.0021	0.0019 0.0019	0.0021 0.0017	0.0021	0.0020	Ave		0.0020				9.7		15.0			
Dichlorobromomethane	0.2635 0.3449	0.2536 0.3214	0.3139 0.3424	0.3150	0.3109	Ave		0.3082			0.1000	10.8		15.0			
cis-1,3-Dichloropropene	+++++ 0.3521	0.2334 0.3415	0.2833 0.3586	0.3080	0.3151	Ave		0.3131			0.1500	14.1		15.0			
4-Methyl-2-pentanone (MIBK)	0.2923 0.3312	0.2745 0.3187	0.2978 0.3098	0.3117	0.3346	Ave		0.3088			0.0500	6.5		15.0			
Toluene	1.8864 1.5757	1.5113 1.4192	1.6933 1.4777	1.6655	1.4643	Ave		1.5867			0.4000	9.8		15.0			
trans-1,3-Dichloropropene	+++++ 0.4385	0.2337 0.4379	0.3200 0.4782	0.3409	0.3809	Lin1	-0.693	0.4633			0.1000				0.9970		0.9900
Ethyl methacrylate	+++++ 0.4136	0.2730 0.3957	0.3479 0.4092	0.3749	0.4119	Ave		0.3752				13.6		15.0			
1,1,2-Trichloroethane	0.3088 0.3026	0.2744 0.2809	0.3096 0.2932	0.3135	0.2990	Ave		0.2977			0.1000	4.7		15.0			
1,3-Dichloropropane	0.5672 0.5123	0.5253 0.4784	0.5312 0.5032	0.5128	0.5037	Ave		0.5168				5.0		15.0			
Tetrachloroethene	0.3714 0.3532	0.3279 0.3083	0.3795 0.3130	0.3854	0.3190	Ave		0.3447			0.2000	9.1		15.0			
2-Hexanone	0.2824 0.3408	0.2957 0.3306	0.3210 0.3235	0.3289	0.3657	Ave		0.3236			0.0500	7.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorodibromomethane	0.2562 0.3664	0.2427 0.3475	0.3196 0.3738	0.3204	0.3304	Ave		0.3196				14.9		15.0			
Ethylene Dibromide	0.2737 0.3106	0.2849 0.2923	0.2973 0.3023	0.3115	0.3000	Ave		0.2966				4.3		15.0			
Chlorobenzene	1.0928 1.0194	1.0762 0.9120	1.1237 0.9280	1.0973	0.9949	Ave		1.0305			0.3000	7.8		15.0			
1,1,1,2-Tetrachloroethane	0.2881 0.3973	0.3144 0.3476	0.3689 0.3414	0.3971	0.3655	Ave		0.3525				10.8		15.0			
Ethylbenzene	0.5480 0.5314	0.5133 0.4604	0.5644 0.4559	0.5703	0.4980	Ave		0.5177				8.5		15.0			
m-Xylene & p-Xylene	0.6535 0.6442	0.6171 0.5631	0.6729 0.5443	0.6768	0.6077	Ave		0.6225				7.9		15.0			
o-Xylene	0.5145 0.6240	0.5808 0.5180	0.6833 0.4843	0.6886	0.5985	Ave		0.5865				13.2		15.0			
Styrene	0.8513 1.0028	0.8971 0.8774	0.9864 0.8463	1.0235	0.9631	Ave		0.9310			0.3000	7.6		15.0			
Bromoform	+++++ 0.1835	0.1259 0.1774	0.1464 0.1851	0.1617	0.1789	Ave		0.1656			0.1000	13.5		15.0			
Isopropylbenzene	1.4084 1.6418	1.3205 1.3639	1.6381 1.2598	1.7376	1.5468	Ave		1.4896			0.1000	11.7		15.0			
1,1,2,2-Tetrachloroethane	0.7829 0.7849	0.7286 0.7488	0.7834 0.7386	0.8054	0.8681	Ave		0.7801			0.3000	5.7		15.0			
Bromobenzene	1.0340 1.0142	1.0088 0.9466	1.0448 0.8817	1.0236	1.0141	Ave		0.9960				5.5		15.0			
1,2,3-Trichloropropane	0.2579 0.2942	0.2915 0.2784	0.3302 0.2613	0.3065	0.3371	Ave		0.2946				9.9		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2888	0.2087 0.3029	0.2330 0.2952	0.2492	0.2904	Ave		0.2669				13.7		15.0			
N-Propylbenzene	1.0252 1.2015	1.0431 1.0979	1.1962 0.9826	1.2152	1.1418	Ave		1.1129				8.0		15.0			
2-Chlorotoluene	0.9156 0.9889	0.9209 0.9041	1.0256 0.8264	1.0538	0.9574	Ave		0.9491				7.7		15.0			
1,3,5-Trimethylbenzene	2.4429 3.2490	2.5443 2.8232	3.0645 2.6356	3.2338	3.1315	Ave		2.8906				11.1		15.0			
4-Chlorotoluene	0.9427 0.9712	0.9558 0.8962	1.0228 0.8315	0.9951	0.9887	Ave		0.9505				6.4		15.0			
tert-Butylbenzene	2.4900 3.1690	2.3684 2.7602	2.9068 2.8452	2.9607	3.3023	Ave		2.8503				11.0		15.0			
1,2,4-Trimethylbenzene	2.4595 3.1624	2.5519 2.7522	3.1529 2.6873	3.2452	3.0900	Ave		2.8877				10.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.1227 3.9123	2.8951 3.3639	3.6513 3.2672	3.8300	3.7214	Ave		3.4705				10.5		15.0			
1,3-Dichlorobenzene	1.6842 1.6405	1.6354 1.4695	1.7612 1.4620	1.8153	1.6525	Ave		1.6401			0.6000	7.6		15.0			
4-Isopropyltoluene	2.8485 3.4706	2.5657 2.9553	3.2381 2.9856	3.4588	3.3301	Ave		3.1066				10.3		15.0			
1,4-Dichlorobenzene	1.7787 1.5984	1.7047 1.4631	1.8304 1.4864	1.7389	1.6851	Ave		1.6607			0.5000	8.0		15.0			
n-Butylbenzene	1.9870 2.5464	1.8912 2.2217	2.4002 2.3257	2.4892	2.4004	Ave		2.2827				10.3		15.0			
1,2-Dichlorobenzene	1.5026 1.4792	1.4685 1.3312	1.6088 1.4131	1.6734	1.5236	Ave		1.5000			0.4000	7.1		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1259	+++++ 0.1338	0.1148 0.1600	0.1233	0.1268	Ave		0.1308			0.0500	11.9		15.0			
1,2,4-Trichlorobenzene	1.0223 1.0300	0.9600 0.9702	1.0532 1.0587	1.1312	0.9906	Ave		1.0270			0.2000	5.4		15.0			
Hexachlorobutadiene	0.4779 0.5529	0.5049 0.4900	0.5198 0.5536	0.5631	0.5149	Ave		0.5221				6.0		15.0			
Naphthalene	2.0893 2.4103	2.1684 2.3818	2.2323 2.6445	2.4174	2.4784	Ave		2.3528				7.7		15.0			
1,2,3-Trichlorobenzene	1.1472 0.9798	1.0947 0.9279	1.0807 1.0057	1.1142	1.0122	Ave		1.0453				7.2		15.0			
Dibromofluoromethane (Surr)	0.2598 0.2446	0.2739 0.2432	0.2740 0.2593	0.2954	0.2586	Ave		0.2636				6.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3711 0.3077	0.3491 0.3141	0.3329 0.3371	0.3630	0.3379	Ave		0.3391				6.4		15.0			
Toluene-d8 (Surr)	1.2942 1.3135	1.4018 1.3070	1.3980 1.3767	1.5490	1.3645	Ave		1.3756				5.9		15.0			
4-Bromofluorobenzene (Surr)	0.4762 0.4031	0.4680 0.3928	0.4664 0.3814	0.4901	0.4453	Ave		0.4404				9.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-206828/10	UX80801.D
Level 2	STD8260 240-206828/9	UX80800.D
Level 3	STD8260 240-206828/8	UX80799.D
Level 4	STD8260 240-206828/7	UX80798.D
Level 5	ICIS 240-206828/6	UX80797.D
Level 6	STD8260 240-206828/5	UX80796.D
Level 7	STD8260 240-206828/4	UX80795.D
Level 8	STD8260 240-206828/3	UX80794.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5737 280119	9191 566633	29670 1079483	56206	109253	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloromethane	FB	Ave	7065 348586	13581 703686	39309 1310629	73013	137749	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl chloride	FB	Ave	4959 240204	9539 501084	29004 946049	48421	94081	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Butadiene	FB	Ave	5588 296807	12231 623633	35719 1174412	59769	117704	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromomethane	FB	Qua	2588 131371	6115 210597	14857 +++++	29303	52623	1.00 50.0	2.00 100	5.00 +++++	10.0	20.0
Chloroethane	FB	Ave	3288 170727	8176 328192	19806 598228	36948	68256	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dichlorofluoromethane	FB	Ave	8712 392803	16311 778264	46985 1401660	81963	161993	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Trichlorofluoromethane	FB	Ave	9642 473495	17329 996131	55941 1642777	97391	188972	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl ether	FB	Ave	10759 443795	18923 952464	47396 1736824	93573	180780	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acrolein	FB	Ave	5136 243414	10230 567174	25028 1017791	51326	105147	5.00 250	10.0 500	25.0 1000	50.0	100
1,1-Dichloroethene	FB	Ave	8474 459241	15043 880676	46301 1572127	89348	168747	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	4434 251204	7552 455619	25101 889247	50223	90686	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acetone	FB	Lin1	35330 537436	48174 1094240	72029 2010360	128683	226204	2.00 100	4.00 200	10.0 400	20.0	40.0
Iodomethane	FB	Ave	17077 833397	32623 1644743	90282 2951678	169654	316174	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon disulfide	FB	Ave	19439 1375039	38977 2720161	122425 4900665	251828	488300	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	3581 276875	8257 545754	27018 1012671	53047	101348	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Methyl acetate	FB	Ave	52077 2435257	99769 5212290	248439 10106918	467187	941853	5.00 250	10.0 500	25.0 1000	50.0	100
Methylene Chloride	FB	Lin1	+++++ 558441	84189 1061500	103869 1909060	163680	281104	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
2-Methyl-2-propanol	FB	Ave	9366 452982	15570 948826	44686 1448667	85430	197240	10.0 500	20.0 1000	50.0 2000	100	200
Acrylonitrile	FB	Ave	45380 2131066	88218 4441689	219503 8338159	414751	824068	10.0 500	20.0 1000	50.0 2000	100	200
Methyl tert-butyl ether	FB	Ave	26024 1413028	53055 2860636	138945 5390456	272063	529661	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	9455 506735	19908 993744	54684 1769685	105416	196980	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexane	FB	Ave	2886 141309	4752 282669	14823 517517	26337	55833	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloroethane	FB	Ave	18527 956184	34414 1917420	98100 3541621	187395	361480	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl acetate	FB	Ave	+++++ 1233486	+++++ 2760298	111347 5489771	216302	478967	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	7931 552150	14517 1088257	46530 1907250	96473	188004	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Butanone (MEK)	FB	Ave	16194 665541	27777 1460329	65921 2665491	120963	270596	2.00 100	4.00 200	10.0 400	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	10356 554525	20997 1075316	58718 1956037	112135	208539	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chlorobromomethane	FB	Ave	5010 279400	10689 562917	29412 1054199	55191	106986	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloroform	FB	Ave	15528 893689	32423 1782959	92260 3281415	169220	335705	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrahydrofuran	FB	Ave	8113 389703	15681 843724	38619 1592365	72365	148775	2.00 100	4.00 200	10.0 400	20.0	40.0
1,1,1-Trichloroethane	FB	Ave	12603 777630	21326 1519876	71741 2748931	140006	278923	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Cyclohexane	FB	Ave	17420 981742	27843 1886623	97558 3398631	183819	372493	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloropropene	FB	Ave	12054 635276	20137 1261690	59721 2276365	117251	241387	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon tetrachloride	FB	Ave	10187 700474	17483 1398545	61061 2530045	119946	248438	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Isobutyl alcohol	FB	Ave	8582 523630	16921 1077307	49143 1782069	93390	234403	25.0 1250	50.0 2500	125 5000	250	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	15388 807757	29737 1643955	82171 3093564	155452	311422	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Benzene	FB	Ave	36237 1846077	71680 3674932	193794 6697613	359455	706377	1.00 50.0	2.00 100	5.00 200	10.0	20.0
n-Heptane	FB	Ave	3056 154022	4385 311272	15604 573330	29704	58137	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Trichloroethene	FB	Ave	10261 558435	20349 1140876	57374 2022963	107182	213428	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloropropane	FB	Ave	9064 485888	16980 969024	48450 1789118	89351	185929	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Methylcyclohexane	FB	Ave	16084 855704	23320 1689115	83066 2999761	161394	325963	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromomethane	FB	Ave	5365 270786	9967 565203	26864 1054082	50430	105260	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dioxane	FB	Ave	1708 76930	2640 158755	7383 249446	14373	30291	20.0 1000	40.0 2000	100 4000	200	400
Dichlorobromomethane	FB	Ave	9586 640159	17889 1332387	56067 2526732	106203	237398	1.00 50.0	2.00 100	5.00 200	10.0	20.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 653461	16461 1415613	50612 2645605	103843	240564	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21272 1229540	38729 2642934	106406 4571653	210181	510979	2.00 100	4.00 200	10.0 400	20.0	40.0
Toluene	CBZ	Ave	43668 1834046	66325 3729984	188735 6673230	342571	718234	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	+++++ 510340	10255 1150883	35663 2159420	70111	186851	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl methacrylate	CBZ	Ave	+++++ 481376	11979 1040091	38775 1848148	77103	202048	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	7148 352191	12043 738242	34507 1323965	64478	146642	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	13130 596292	23053 1257375	59211 2272415	105470	247068	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrachloroethene	CBZ	Ave	8597 411154	14390 810387	42300 1413393	79267	156452	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Hexanone	CBZ	Ave	13076 793388	25953 1737712	71545 2921908	135323	358745	2.00 100	4.00 200	10.0 400	20.0	40.0
Chlorodibromomethane	CBZ	Ave	5931 426433	10652 913242	35627 1688291	65910	162058	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylene Dibromide	CBZ	Ave	6335 361565	12502 768093	33139 1365022	64070	147128	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chlorobenzene	CBZ	Ave	25298 1186539	47229 2396834	125249 4190722	225706	487975	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	6669 462463	13798 913553	41120 1541798	81683	179254	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylbenzene	CBZ	Ave	12685 618509	22526 1210066	62910 2059011	117300	244277	1.00 50.0	2.00 100	5.00 200	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	15129 749855	27084 1480045	74995 2457942	139205	298064	1.00 50.0	2.00 100	5.00 200	10.0	20.0
o-Xylene	CBZ	Ave	11910 726249	25489 1361381	76156 2187083	141643	293571	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Styrene	CBZ	Ave	19707 1167181	39373 2306037	109946 3821988	210516	472378	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromoform	CBZ	Ave	+++++ 213573	5527 466222	16313 836019	33263	87767	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Isopropylbenzene	CBZ	Ave	32603 1910939	57951 3584468	182575 5689483	357399	758668	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	6893 336344	12279 662393	34383 1144797	65901	159661	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromobenzene	DCB	Ave	9104 434624	17000 837288	45858 1366657	83753	186518	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	2271 126095	4912 246257	14492 404973	25081	62005	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 123757	3517 267916	10229 457536	20387	53407	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
N-Propylbenzene	DCB	Ave	9026 514892	17578 971163	52502 1523040	99423	210002	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Chlorotoluene	DCB	Ave	8061 423780	15520 799743	45016 1280959	86220	176088	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	21508 1392338	42878 2497328	134507 4085150	264585	575963	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Chlorotoluene	DCB	Ave	8300 416184	16108 792741	44893 1288832	81418	181855	1.00 50.0	2.00 100	5.00 200	10.0	20.0
tert-Butylbenzene	DCB	Ave	21923 1358066	39914 2441556	127585 4410077	242242	607382	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	21654 1355212	43005 2434463	138388 4165408	265519	568337	1.00 50.0	2.00 100	5.00 200	10.0	20.0
sec-Butylbenzene	DCB	Ave	27493 1676595	48789 2975559	160262 5064275	313363	684456	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	14828 703038	27560 1299865	77301 2266091	148522	303942	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Isopropyltoluene	DCB	Ave	25079 1487285	43238 2614185	142128 4627675	282992	612489	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	15660 684972	28728 1294229	80342 2303873	142275	309933	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206828

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/17/2015 03:57 Calibration End Date: 11/17/2015 06:38 Calibration ID: 31578

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	17494 1091248	31872 1965268	105348 3604810	203665	441494	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	13229 633913	24747 1177499	70613 2190327	136916	280228	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 53966	+++++ 118313	5041 247973	10092	23314	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	9001 441403	16179 858225	46228 1641074	92552	182193	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexachlorobutadiene	DCB	Ave	4208 236936	8508 433468	22816 858018	46073	94700	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Naphthalene	DCB	Ave	18395 1032934	36542 2106875	97979 4099081	197789	455835	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	10100 419868	18448 820790	47432 1558879	91164	186165	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	9452 454000	19323 1008302	48938 1913539	99600	197398	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	13504 571219	24626 1302196	59460 2487467	122377	257982	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	29961 1528845	61519 3435042	155813 6217168	318606	669279	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	11024 469154	20540 1032259	51987 1722622	100810	218427	1.00 50.0	2.00 100	5.00 200	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206893/16 Calibration Date: 11/16/2015 14:33

Instrument ID: A3UX10 Calib Start Date: 11/16/2015 12:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2015 14:10

Lab File ID: UXX3053.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0257	0.0243		0.0948	0.100	-5.2	20.0
Diisopropyl ether	Ave	0.2058	0.2144		0.0104	0.0100	4.1	20.0
2-Chloro-1,3-butadiene	Ave	0.3186	0.3246		0.0102	0.0100	1.9	20.0
Ethyl t-butyl ether	Ave	0.6371	0.6542		0.0103	0.0100	2.7	20.0
Ethyl acetate	Ave	0.1936	0.1906		0.0197	0.0200	-1.5	20.0
Propionitrile	Ave	0.0318	0.0324		0.102	0.100	1.9	20.0
Methacrylonitrile	Ave	0.1468	0.1484		0.101	0.100	1.0	20.0
Tert-amyl methyl ether	Ave	0.5941	0.6019		0.0101	0.0100	1.3	20.0
n-Butanol	Ave	0.0065	0.0057		0.219	0.250	-12.6	20.0
Methyl methacrylate	Ave	0.1691	0.1865		0.0221	0.0200	10.3	20.0
2-Nitropropane	Ave	0.0384	0.0366		0.0190	0.0200	-4.8	20.0
1-Chlorohexane	Ave	0.3501	0.3599		0.0103	0.0100	2.8	20.0
Cyclohexanone	Ave	0.0129	0.0102		0.0789	0.100	-21.1*	20.0
1,2,3-Trimethylbenzene	Lin1		2.296		0.00946	0.0100	-5.4	20.0
1,3,5-Trichlorobenzene	Ave	0.8458	0.8473		0.0100	0.0100	0.2	20.0
2-Methylnaphthalene	Ave	1.003	0.6222		0.0124	0.0200	-38.0*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207096/2 Calibration Date: 11/17/2015 10:50

Instrument ID: A3UX10 Calib Start Date: 11/16/2015 09:23

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2015 11:35

Lab File ID: UXX3066.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2491	0.2364	0.1000	0.00949	0.0100	-5.1	20.0
Chloromethane	Ave	0.3073	0.2731	0.1000	0.00889	0.0100	-11.1	20.0
Vinyl chloride	Ave	0.2994	0.2876	0.1000	0.00961	0.0100	-3.9	20.0
Butadiene	Ave	0.3102	0.2986		0.00963	0.0100	-3.7	20.0
Bromomethane	Ave	0.2498	0.2050	0.0500	0.00821	0.0100	-17.9	20.0
Chloroethane	Ave	0.2508	0.2165	0.0500	0.00863	0.0100	-13.7	20.0
Dichlorofluoromethane	Ave	0.5829	0.4687		0.00804	0.0100	-19.6	20.0
Trichlorofluoromethane	Ave	0.2803	0.2754	0.1000	0.00982	0.0100	-1.8	20.0
Ethyl ether	Ave	0.2326	0.2675		0.0115	0.0100	15.0	20.0
Acrolein	Ave	0.0238	0.0218		0.0456	0.0500	-8.7	20.0
1,1-Dichloroethene	Ave	0.2223	0.2129	0.1000	0.00958	0.0100	-4.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1658	0.1697	0.0500	0.0102	0.0100	2.4	20.0
Acetone	Lin1		0.0694	0.0500	0.0212	0.0200	6.2	20.0
Iodomethane	Ave	0.3742	0.3459		0.00924	0.0100	-7.6	20.0
Carbon disulfide	Ave	0.6668	0.6195	0.1000	0.00929	0.0100	-7.1	20.0
3-Chloro-1-propene	Ave	0.1540	0.1451		0.00943	0.0100	-5.7	20.0
Methyl acetate	Ave	0.1810	0.1705	0.1000	0.0471	0.0500	-5.8	20.0
Methylene Chloride	Lin1		0.2827	0.1000	0.0109	0.0100	8.9	20.0
tert-Butyl alcohol (TBA)	Ave	0.0172	0.0145		0.0841	0.100	-15.9	20.0
Acrylonitrile	Ave	0.0902	0.0857		0.0949	0.100	-5.1	20.0
Methyl tert-butyl ether	Ave	0.7185	0.6520	0.1000	0.00907	0.0100	-9.3	20.0
trans-1,2-Dichloroethene	Ave	0.2610	0.2453	0.1000	0.00940	0.0100	-6.0	20.0
Hexane	Ave	0.0534	0.0495		0.00926	0.0100	-7.4	20.0
1,1-Dichloroethane	Ave	0.4582	0.4191	0.1000	0.00915	0.0100	-8.5	20.0
Vinyl acetate	Ave	0.4551	0.4093		0.00899	0.0100	-10.1	20.0
2,2-Dichloropropane	Ave	0.2605	0.2261		0.00868	0.0100	-13.2	20.0
cis-1,2-Dichloroethene	Ave	0.2789	0.2563	0.1000	0.00919	0.0100	-8.1	20.0
2-Butanone (MEK)	Lin1		0.0917	0.0500	0.0199	0.0200	-0.6	20.0
Bromochloromethane	Ave	0.1388	0.1270		0.00915	0.0100	-8.5	20.0
Tetrahydrofuran	Ave	0.0678	0.0617		0.0182	0.0200	-8.9	20.0
Chloroform	Ave	0.4402	0.4127	0.2000	0.00937	0.0100	-6.3	20.0
1,1,1-Trichloroethane	Ave	0.3307	0.3118	0.1000	0.00943	0.0100	-5.7	20.0
Cyclohexane	Ave	0.3530	0.3457	0.1000	0.00979	0.0100	-2.1	20.0
1,1-Dichloropropene	Ave	0.3118	0.2891		0.00927	0.0100	-7.3	20.0
Carbon tetrachloride	Ave	0.2737	0.2561	0.1000	0.00936	0.0100	-6.4	20.0
Isobutyl alcohol	Ave	0.0099	0.0086		0.217	0.250	-13.3	20.0
Benzene	Ave	1.051	0.9501	0.5000	0.00904	0.0100	-9.6	20.0
1,2-Dichloroethane	Ave	0.3543	0.3265	0.1000	0.00922	0.0100	-7.8	20.0
n-Heptane	Lin1		0.0393		0.00901	0.0100	-9.9	20.0
Trichloroethene	Ave	0.2661	0.2502	0.2000	0.00940	0.0100	-6.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207096/2 Calibration Date: 11/17/2015 10:50

Instrument ID: A3UX10 Calib Start Date: 11/16/2015 09:23

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2015 11:35

Lab File ID: UXX3066.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3145	0.3071	0.1000	0.00976	0.0100	-2.4	20.0
1,2-Dichloropropane	Ave	0.2342	0.2195	0.1000	0.00937	0.0100	-6.3	20.0
Dibromomethane	Ave	0.1487	0.1399		0.00941	0.0100	-5.9	20.0
1,4-Dioxane	Ave	0.0025	0.0020		0.159	0.200	-20.5*	20.0
Bromodichloromethane	Ave	0.2964	0.2771	0.1000	0.00935	0.0100	-6.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1152	0.1182		0.0205	0.0200	2.6	20.0
cis-1,3-Dichloropropene	Ave	0.3280	0.3142	0.1500	0.00958	0.0100	-4.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1898	0.1840	0.0500	0.0194	0.0200	-3.1	20.0
Toluene	Ave	1.490	1.379	0.4000	0.00925	0.0100	-7.5	20.0
trans-1,3-Dichloropropene	Ave	0.3911	0.3651	0.1000	0.00933	0.0100	-6.7	20.0
Ethyl methacrylate	Ave	0.3125	0.3268		0.0105	0.0100	4.6	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2750	0.1000	0.00979	0.0100	-2.1	20.0
Tetrachloroethene	Ave	0.2926	0.2819	0.2000	0.00963	0.0100	-3.7	20.0
1,3-Dichloropropane	Ave	0.5003	0.4732		0.00946	0.0100	-5.4	20.0
2-Hexanone	Ave	0.1698	0.1660	0.0500	0.0196	0.0200	-2.2	20.0
Dibromochloromethane	Ave	0.2817	0.2786		0.00989	0.0100	-1.1	20.0
1,2-Dibromoethane	Ave	0.2725	0.2697		0.00990	0.0100	-1.0	20.0
Chlorobenzene	Ave	0.9637	0.8860	0.3000	0.00919	0.0100	-8.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3193	0.3052		0.00956	0.0100	-4.4	20.0
Ethylbenzene	Ave	0.5026	0.4674		0.00930	0.0100	-7.0	20.0
m-Xylene & p-Xylene	Ave	0.6012	0.5753		0.00957	0.0100	-4.3	20.0
o-Xylene	Ave	0.5969	0.5727		0.00959	0.0100	-4.1	20.0
Styrene	Ave	0.9732	0.9609	0.3000	0.00987	0.0100	-1.3	20.0
Bromoform	Ave	0.1822	0.1685	0.1000	0.00925	0.0100	-7.5	20.0
Isopropylbenzene	Ave	1.510	1.416	0.1000	0.00938	0.0100	-6.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6201	0.6202	0.3000	0.0100	0.0100	0.0	20.0
Bromobenzene	Ave	0.7341	0.7196		0.00980	0.0100	-2.0	20.0
1,2,3-Trichloropropane	Ave	0.2180	0.2136		0.00980	0.0100	-2.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1903	0.1809		0.00951	0.0100	-4.9	20.0
N-Propylbenzene	Ave	0.7036	0.7266		0.0103	0.0100	3.3	20.0
2-Chlorotoluene	Ave	0.6570	0.6320		0.00962	0.0100	-3.8	20.0
1,3,5-Trimethylbenzene	Ave	2.032	2.049		0.0101	0.0100	0.8	20.0
4-Chlorotoluene	Ave	0.6937	0.6980		0.0101	0.0100	0.6	20.0
tert-Butylbenzene	Ave	1.781	1.732		0.00973	0.0100	-2.7	20.0
1,2,4-Trimethylbenzene	Ave	2.223	2.138		0.00962	0.0100	-3.8	20.0
sec-Butylbenzene	Ave	2.317	2.247		0.00970	0.0100	-3.0	20.0
1,3-Dichlorobenzene	Ave	1.375	1.279	0.6000	0.00930	0.0100	-7.0	20.0
p-Isopropyltoluene	Ave	2.071	1.988		0.00960	0.0100	-4.0	20.0
1,4-Dichlorobenzene	Ave	1.447	1.327	0.5000	0.00917	0.0100	-8.3	20.0
n-Butylbenzene	Ave	1.594	1.471		0.00923	0.0100	-7.7	20.0
1,2-Dichlorobenzene	Ave	1.329	1.207	0.4000	0.00908	0.0100	-9.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207096/2 Calibration Date: 11/17/2015 10:50

Instrument ID: A3UX10 Calib Start Date: 11/16/2015 09:23

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2015 11:35

Lab File ID: UXX3066.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1084	0.0841	0.0500	0.00776	0.0100	-22.4*	20.0
1,2,4-Trichlorobenzene	Ave	0.8230	0.5017	0.2000	0.00610	0.0100	-39.0*	20.0
Hexachlorobutadiene	Ave	0.2912	0.1969		0.00676	0.0100	-32.4*	20.0
Naphthalene	Ave	2.023	1.184		0.00585	0.0100	-41.5*	20.0
1,2,3-Trichlorobenzene	Ave	0.7870	0.4455		0.00566	0.0100	-43.4*	20.0
Dibromofluoromethane (Surr)	Ave	0.2341	0.1968		0.0103	0.0123	-15.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2958	0.2462		0.0102	0.0123	-16.8	20.0
Toluene-d8 (Surr)	Ave	1.265	1.134		0.0110	0.0123	-10.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4298	0.3549		0.0102	0.0123	-17.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207096/3 Calibration Date: 11/17/2015 11:11

Instrument ID: A3UX10 Calib Start Date: 11/16/2015 12:19

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2015 14:10

Lab File ID: UXX3067.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0257	0.0201		0.0782	0.100	-21.8*	20.0
Diisopropyl ether	Ave	0.2058	0.1952		0.00948	0.0100	-5.2	20.0
2-Chloro-1,3-butadiene	Ave	0.3186	0.3024		0.00949	0.0100	-5.1	20.0
Ethyl t-butyl ether	Ave	0.6371	0.5951		0.00934	0.0100	-6.6	20.0
Ethyl acetate	Ave	0.1936	0.1740		0.0180	0.0200	-10.1	20.0
Propionitrile	Ave	0.0318	0.0283		0.0890	0.100	-11.0	20.0
Methacrylonitrile	Ave	0.1468	0.1365		0.0930	0.100	-7.0	20.0
Tert-amyl methyl ether	Ave	0.5941	0.5644		0.00950	0.0100	-5.0	20.0
n-Butanol	Ave	0.0065	0.0050		0.191	0.250	-23.7*	20.0
Methyl methacrylate	Ave	0.1691	0.1692		0.0200	0.0200	0.0	20.0
2-Nitropropane	Ave	0.0384	0.0390		0.0203	0.0200	1.3	20.0
1-Chlorohexane	Ave	0.3501	0.3321		0.00948	0.0100	-5.2	20.0
Cyclohexanone	Ave	0.0129	0.0094		0.0725	0.100	-27.5*	20.0
1,2,3-Trimethylbenzene	Lin1		2.096		0.00868	0.0100	-13.2	20.0
1,3,5-Trichlorobenzene	Ave	0.8458	0.7547		0.00892	0.0100	-10.8	20.0
2-Methylnaphthalene	Ave	1.003	0.5145		0.0103	0.0200	-48.7*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2902	0.1000	0.0240	0.0200	19.8	20.0
Chloromethane	Ave	0.3787	0.4264	0.1000	0.0225	0.0200	12.6	20.0
Vinyl chloride	Ave	0.2747	0.2991	0.1000	0.0218	0.0200	8.9	20.0
Butadiene	Ave	0.3003	0.3280		0.0218	0.0200	9.2	20.0
Bromomethane	Ave	0.1383	0.1509	0.0500	0.0218	0.0200	9.1	20.0
Chloroethane	Ave	0.1448	0.1548	0.0500	0.0214	0.0200	6.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3543		0.0218	0.0200	9.2	20.0
Trichlorofluoromethane	Ave	0.2852	0.3259	0.1000	0.0229	0.0200	14.3	20.0
Ethyl ether	Ave	0.1804	0.2164		0.0240	0.0200	19.9	20.0
Acrolein	Ave	0.0180	0.0235		0.130	0.100	30.4*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2411	0.1000	0.0218	0.0200	8.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1744	0.0500	0.0215	0.0200	7.4	20.0
Acetone	Lin1		0.0867	0.0500	0.0453	0.0400	13.2	20.0
Iodomethane	Ave	0.3194	0.3613		0.0226	0.0200	13.1	20.0
Carbon disulfide	Ave	0.6714	0.6482	0.1000	0.0193	0.0200	-3.4	20.0
3-Chloro-1-propene	Ave	0.1430	0.1394		0.0195	0.0200	-2.5	20.0
Methyl acetate	Ave	0.1567	0.1835	0.1000	0.117	0.100	17.1	20.0
Methylene Chloride	Lin1		0.3235	0.1000	0.0217	0.0200	8.6	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0221		0.223	0.200	11.3	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2789	0.1000	0.0222	0.0200	10.9	20.0
Methyl tert-butyl ether	Ave	0.5650	0.6276	0.1000	0.0222	0.0200	11.1	20.0
Acrylonitrile	Ave	0.0757	0.0862		0.228	0.200	13.8	20.0
Hexane	Ave	0.0816	0.0814		0.0200	0.0200	-0.1	20.0
1,1-Dichloroethane	Ave	0.4925	0.5567	0.1000	0.0226	0.0200	13.0	20.0
Vinyl acetate	Lin1		0.0217		0.0149	0.0200	-25.6*	20.0
2,2-Dichloropropane	Ave	0.2107	0.2260		0.0214	0.0200	7.2	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2924	0.1000	0.0220	0.0200	10.2	20.0
2-Butanone (MEK)	Ave	0.0962	0.1043	0.0500	0.0433	0.0400	8.4	20.0
Bromochloromethane	Ave	0.0967	0.1063		0.0220	0.0200	9.9	20.0
Tetrahydrofuran	Ave	0.0665	0.0705		0.0424	0.0400	6.0	20.0
Chloroform	Ave	0.3979	0.4367	0.2000	0.0219	0.0200	9.7	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3465	0.1000	0.0222	0.0200	10.8	20.0
Cyclohexane	Ave	0.5900	0.6590	0.1000	0.0223	0.0200	11.7	20.0
Carbon tetrachloride	Ave	0.2541	0.2901	0.1000	0.0228	0.0200	14.2	20.0
1,1-Dichloropropene	Ave	0.3331	0.3884		0.0233	0.0200	16.6	20.0
Benzene	Ave	0.999	1.113	0.5000	0.0223	0.0200	11.4	20.0
Isobutyl alcohol	Ave	0.0071	0.0082		0.573	0.500	14.6	20.0
1,2-Dichloroethane	Ave	0.2792	0.3100	0.1000	0.0222	0.0200	11.0	20.0
n-Heptane	Ave	0.0682	0.0773		0.0227	0.0200	13.4	20.0
Trichloroethene	Ave	0.2336	0.2694	0.2000	0.0231	0.0200	15.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5370	0.1000	0.0223	0.0200	11.3	20.0
1,2-Dichloropropane	Ave	0.2493	0.2803	0.1000	0.0225	0.0200	12.5	20.0
Dibromomethane	Ave	0.1040	0.1205		0.0232	0.0200	15.9	20.0
1,4-Dioxane	Ave	0.0017	0.0019		0.462	0.400	15.4	20.0
Bromodichloromethane	Ave	0.2508	0.2588	0.1000	0.0206	0.0200	3.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.1063		0.0228	0.0200	14.0	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3296	0.1500	0.0213	0.0200	6.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.3490	0.0500	0.0450	0.0400	12.5	20.0
Toluene	Ave	1.617	1.748	0.4000	0.0216	0.0200	8.1	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.4131	0.1000	0.0224	0.0200	12.2	20.0
Ethyl methacrylate	Ave	0.3012	0.3245		0.0215	0.0200	7.7	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2665	0.1000	0.0228	0.0200	14.2	20.0
Tetrachloroethene	Ave	0.2833	0.3198	0.2000	0.0226	0.0200	12.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.4668		0.0219	0.0200	9.5	20.0
2-Hexanone	Ave	0.2007	0.2198	0.0500	0.0438	0.0400	9.5	20.0
Dibromochloromethane	Lin1		0.2290		0.0193	0.0200	-3.6	20.0
1,2-Dibromoethane	Ave	0.2138	0.2523		0.0236	0.0200	18.0	20.0
Chlorobenzene	Ave	0.9298	1.009	0.3000	0.0217	0.0200	8.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3344		0.0231	0.0200	15.3	20.0
Ethylbenzene	Ave	0.5296	0.5798		0.0219	0.0200	9.5	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6849		0.0212	0.0200	5.9	20.0
o-Xylene	Ave	0.6346	0.7209		0.0227	0.0200	13.6	20.0
Styrene	Ave	0.9556	0.9735	0.3000	0.0204	0.0200	1.9	20.0
Bromoform	Lin1		0.1061	0.1000	0.0173	0.0200	-13.4	20.0
Isopropylbenzene	Ave	1.742	1.946	0.1000	0.0223	0.0200	11.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.6826	0.3000	0.0229	0.0200	14.6	20.0
Bromobenzene	Ave	0.7042	0.7858		0.0223	0.0200	11.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.2024		0.0230	0.0200	14.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.2320		0.0216	0.0200	7.8	20.0
N-Propylbenzene	Ave	0.9769	1.052		0.0215	0.0200	7.7	20.0
2-Chlorotoluene	Ave	0.8014	0.8578		0.0214	0.0200	7.0	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.417		0.0220	0.0200	10.2	20.0
4-Chlorotoluene	Ave	0.7776	0.8277		0.0213	0.0200	6.5	20.0
tert-Butylbenzene	Ave	2.752	3.074		0.0223	0.0200	11.7	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.372		0.0219	0.0200	9.5	20.0
sec-Butylbenzene	Ave	4.194	4.751		0.0227	0.0200	13.3	20.0
1,3-Dichlorobenzene	Ave	1.474	1.583	0.6000	0.0215	0.0200	7.4	20.0
p-Isopropyltoluene	Ave	3.242	3.585		0.0221	0.0200	10.6	20.0
1,4-Dichlorobenzene	Ave	1.484	1.542	0.5000	0.0208	0.0200	3.9	20.0
n-Butylbenzene	Ave	3.148	3.388		0.0215	0.0200	7.6	20.0
1,2-Dichlorobenzene	Ave	1.421	1.521	0.4000	0.0214	0.0200	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0879	0.0500	0.0202	0.0200	0.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9859	0.2000	0.0203	0.0200	1.3	20.0
Hexachlorobutadiene	Ave	0.5396	0.6222		0.0231	0.0200	15.3	20.0
Naphthalene	Ave	2.263	2.304		0.0204	0.0200	1.8	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.9287		0.0201	0.0200	0.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2054		0.0477	0.0500	-4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2368		0.0471	0.0500	-5.9	20.0
Toluene-d8 (Surr)	Ave	1.539	1.437		0.0467	0.0500	-6.6	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.045		0.0455	0.0500	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207343/3 Calibration Date: 11/18/2015 11:15

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146532.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2743	0.1000	0.0226	0.0200	13.2	20.0
Chloromethane	Ave	0.3787	0.3080	0.1000	0.0163	0.0200	-18.7	20.0
Vinyl chloride	Ave	0.2747	0.2356	0.1000	0.0172	0.0200	-14.2	20.0
Butadiene	Ave	0.3003	0.2712		0.0181	0.0200	-9.7	20.0
Bromomethane	Ave	0.1383	0.1411	0.0500	0.0204	0.0200	2.0	20.0
Chloroethane	Ave	0.1448	0.1451	0.0500	0.0200	0.0200	0.2	20.0
Dichlorofluoromethane	Ave	0.3245	0.3506		0.0216	0.0200	8.0	20.0
Trichlorofluoromethane	Ave	0.2852	0.3577	0.1000	0.0251	0.0200	25.4*	20.0
Ethyl ether	Ave	0.1804	0.1589		0.0440	0.0500	-11.9	20.0
Acrolein	Ave	0.0180	0.0126		0.175	0.250	-30.2*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2165	0.1000	0.0488	0.0500	-2.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1927	0.0500	0.0593	0.0500	18.6	20.0
Acetone	Lin1		0.0618	0.0500	0.0886	0.100	-11.4	20.0
Iodomethane	Ave	0.3194	0.3376		0.0529	0.0500	5.7	20.0
Carbon disulfide	Ave	0.6714	0.6767	0.1000	0.0504	0.0500	0.8	20.0
3-Chloro-1-propene	Ave	0.1430	0.1353		0.0473	0.0500	-5.4	20.0
Methyl acetate	Ave	0.1567	0.1205	0.1000	0.192	0.250	-23.1*	20.0
Methylene Chloride	Lin1		0.2477	0.1000	0.0479	0.0500	-4.3	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0136		0.342	0.500	-31.5*	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2649	0.1000	0.0527	0.0500	5.3	20.0
Methyl tert-butyl ether	Ave	0.5650	0.5222	0.1000	0.0462	0.0500	-7.6	20.0
Acrylonitrile	Ave	0.0757	0.0603		0.398	0.500	-20.4*	20.0
Hexane	Ave	0.0816	0.0749		0.0459	0.0500	-8.2	20.0
1,1-Dichloroethane	Ave	0.4925	0.4761	0.1000	0.0483	0.0500	-3.3	20.0
Vinyl acetate	Lin1		0.0303		0.0505	0.0500	1.0	20.0
2,2-Dichloropropane	Ave	0.2107	0.2751		0.0653	0.0500	30.5*	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2785	0.1000	0.0525	0.0500	5.0	20.0
2-Butanone (MEK)	Ave	0.0962	0.0740	0.0500	0.0769	0.100	-23.1*	20.0
Bromochloromethane	Ave	0.0967	0.1104		0.0571	0.0500	14.2	20.0
Tetrahydrofuran	Ave	0.0665	0.0462		0.0695	0.100	-30.5*	20.0
Chloroform	Ave	0.3979	0.4355	0.2000	0.0547	0.0500	9.4	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.4000	0.1000	0.0639	0.0500	27.9*	20.0
Cyclohexane	Ave	0.5900	0.5412	0.1000	0.0459	0.0500	-8.3	20.0
Carbon tetrachloride	Ave	0.2541	0.3285	0.1000	0.0647	0.0500	29.3*	20.0
1,1-Dichloropropene	Ave	0.3331	0.3388		0.0508	0.0500	1.7	20.0
Benzene	Ave	0.999	0.9835	0.5000	0.0492	0.0500	-1.5	20.0
Isobutyl alcohol	Ave	0.0071	0.0052		0.908	1.25	-27.3*	20.0
1,2-Dichloroethane	Ave	0.2792	0.2889	0.1000	0.0517	0.0500	3.5	20.0
n-Heptane	Ave	0.0682	0.0727		0.0533	0.0500	6.7	20.0
Trichloroethene	Ave	0.2336	0.2604	0.2000	0.0557	0.0500	11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207343/3 Calibration Date: 11/18/2015 11:15

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146532.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5023	0.1000	0.0520	0.0500	4.1	20.0
1,2-Dichloropropane	Ave	0.2493	0.2278	0.1000	0.0457	0.0500	-8.6	20.0
Dibromomethane	Ave	0.1040	0.1094		0.0526	0.0500	5.2	20.0
1,4-Dioxane	Ave	0.0017	0.0014		0.836	1.00	-16.4	20.0
Bromodichloromethane	Ave	0.2508	0.2760	0.1000	0.0550	0.0500	10.0	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0698		0.0748	0.100	-25.2*	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3009	0.1500	0.0487	0.0500	-2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2335	0.0500	0.0753	0.100	-24.7*	20.0
Toluene	Ave	1.617	1.694	0.4000	0.0524	0.0500	4.8	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3630	0.1000	0.0493	0.0500	-1.4	20.0
Ethyl methacrylate	Ave	0.3012	0.2672		0.0444	0.0500	-11.3	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2490	0.1000	0.0533	0.0500	6.7	20.0
Tetrachloroethene	Ave	0.2833	0.3070	0.2000	0.0542	0.0500	8.4	20.0
1,3-Dichloropropane	Ave	0.4264	0.3980		0.0467	0.0500	-6.7	20.0
2-Hexanone	Ave	0.2007	0.1527	0.0500	0.0761	0.100	-23.9*	20.0
Dibromochloromethane	Lin1		0.2555		0.0515	0.0500	3.0	20.0
1,2-Dibromoethane	Ave	0.2138	0.2247		0.0526	0.0500	5.1	20.0
Chlorobenzene	Ave	0.9298	0.9529	0.3000	0.0512	0.0500	2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3328		0.0573	0.0500	14.7	20.0
Ethylbenzene	Ave	0.5296	0.5477		0.0517	0.0500	3.4	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6760		0.0523	0.0500	4.5	20.0
o-Xylene	Ave	0.6346	0.6629		0.0522	0.0500	4.5	20.0
Styrene	Ave	0.9556	1.008	0.3000	0.0528	0.0500	5.5	20.0
Bromoform	Lin1		0.1226	0.1000	0.0481	0.0500	-3.8	20.0
Isopropylbenzene	Ave	1.742	1.875	0.1000	0.0538	0.0500	7.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.5638	0.3000	0.0473	0.0500	-5.4	20.0
Bromobenzene	Ave	0.7042	0.7788		0.0553	0.0500	10.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1750		0.0496	0.0500	-0.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1802		0.0419	0.0500	-16.3	20.0
N-Propylbenzene	Ave	0.9769	1.043		0.0534	0.0500	6.8	20.0
2-Chlorotoluene	Ave	0.8014	0.8396		0.0524	0.0500	4.8	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.299		0.0532	0.0500	6.4	20.0
4-Chlorotoluene	Ave	0.7776	0.8246		0.0530	0.0500	6.1	20.0
tert-Butylbenzene	Ave	2.752	2.986		0.0543	0.0500	8.5	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.265		0.0530	0.0500	6.0	20.0
sec-Butylbenzene	Ave	4.194	4.313		0.0514	0.0500	2.8	20.0
1,3-Dichlorobenzene	Ave	1.474	1.446	0.6000	0.0490	0.0500	-1.9	20.0
p-Isopropyltoluene	Ave	3.242	3.567		0.0550	0.0500	10.0	20.0
1,4-Dichlorobenzene	Ave	1.484	1.409	0.5000	0.0475	0.0500	-5.1	20.0
n-Butylbenzene	Ave	3.148	3.291		0.0523	0.0500	4.6	20.0
1,2-Dichlorobenzene	Ave	1.421	1.375	0.4000	0.0484	0.0500	-3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207343/3 Calibration Date: 11/18/2015 11:15

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146532.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0837	0.0500	0.0480	0.0500	-3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9553	0.2000	0.0491	0.0500	-1.8	20.0
Hexachlorobutadiene	Ave	0.5396	0.6017		0.0558	0.0500	11.5	20.0
Naphthalene	Ave	2.263	1.911		0.0422	0.0500	-15.6	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.8900		0.0482	0.0500	-3.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2266		0.0526	0.0500	5.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2573		0.0511	0.0500	2.3	20.0
Toluene-d8 (Surr)	Ave	1.539	1.528		0.0497	0.0500	-0.7	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.042		0.0454	0.0500	-9.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207343/4 Calibration Date: 11/18/2015 11:37

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146533.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0193		0.431	0.500	-13.7	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4232		0.0487	0.0500	-2.5	20.0
Diisopropyl ether	Ave	0.2079	0.1901		0.0457	0.0500	-8.6	20.0
Ethyl t-butyl ether	Ave	0.8262	0.6633		0.0401	0.0500	-19.7	20.0
Ethyl acetate	Ave	0.1606	0.1204		0.0750	0.100	-25.0*	20.0
Propionitrile	Ave	0.0278	0.0200		0.360	0.500	-27.9*	20.0
Methacrylonitrile	Ave	0.1070	0.0950		0.444	0.500	-11.3	20.0
Tert-amyl methyl ether	Ave	0.7020	0.5399		0.0385	0.0500	-23.1*	20.0
n-Butanol	Ave	0.0105	0.0059		0.701	1.25	-43.9*	20.0
Methyl methacrylate	Ave	0.1432	0.1197		0.0836	0.100	-16.4	20.0
2-Nitropropane	Ave	0.0224	0.0209		0.0932	0.100	-6.8	20.0
1-Chlorohexane	Ave	0.4504	0.4262		0.0473	0.0500	-5.4	20.0
Cyclohexanone	Ave	0.0123	0.0067		0.271	0.500	-45.7*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.030		0.0499	0.0500	-0.1	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.094		0.0499	0.0500	-0.2	20.0
2-Methylnaphthalene	Ave	1.220	1.179		0.0966	0.100	-3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207560/3 Calibration Date: 11/19/2015 11:25

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146565.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2594	0.1000	0.0214	0.0200	7.1	20.0
Chloromethane	Ave	0.3787	0.2950	0.1000	0.0156	0.0200	-22.1*	20.0
Vinyl chloride	Ave	0.2747	0.2254	0.1000	0.0164	0.0200	-17.9	20.0
Butadiene	Ave	0.3003	0.2536		0.0169	0.0200	-15.6	20.0
Bromomethane	Ave	0.1383	0.1318	0.0500	0.0191	0.0200	-4.7	20.0
Chloroethane	Ave	0.1448	0.1347	0.0500	0.0186	0.0200	-6.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3178		0.0196	0.0200	-2.1	20.0
Trichlorofluoromethane	Ave	0.2852	0.3283	0.1000	0.0230	0.0200	15.1	20.0
Ethyl ether	Ave	0.1804	0.1510		0.0419	0.0500	-16.3	20.0
Acrolein	Ave	0.0180	0.0117		0.162	0.250	-35.2*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2175	0.1000	0.0491	0.0500	-1.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1828	0.0500	0.0563	0.0500	12.5	20.0
Acetone	Lin1		0.0551	0.0500	0.0778	0.100	-22.2*	20.0
Iodomethane	Ave	0.3194	0.3091		0.0484	0.0500	-3.2	20.0
Carbon disulfide	Ave	0.6714	0.5932	0.1000	0.0442	0.0500	-11.6	20.0
3-Chloro-1-propene	Ave	0.1430	0.1276		0.0446	0.0500	-10.8	20.0
Methyl acetate	Ave	0.1567	0.1152	0.1000	0.184	0.250	-26.5*	20.0
Methylene Chloride	Lin1		0.2254	0.1000	0.0429	0.0500	-14.1	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0144		0.363	0.500	-27.4*	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2472	0.1000	0.0491	0.0500	-1.7	20.0
Methyl tert-butyl ether	Ave	0.5650	0.4965	0.1000	0.0439	0.0500	-12.1	20.0
Acrylonitrile	Ave	0.0757	0.0576		0.380	0.500	-23.9*	20.0
Hexane	Ave	0.0816	0.0656		0.0402	0.0500	-19.5	20.0
1,1-Dichloroethane	Ave	0.4925	0.4319	0.1000	0.0438	0.0500	-12.3	20.0
Vinyl acetate	Lin1		0.0296		0.0493	0.0500	-1.4	20.0
2,2-Dichloropropane	Ave	0.2107	0.2392		0.0567	0.0500	13.5	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2596	0.1000	0.0489	0.0500	-2.2	20.0
2-Butanone (MEK)	Ave	0.0962	0.0688	0.0500	0.0715	0.100	-28.5*	20.0
Bromochloromethane	Ave	0.0967	0.1028		0.0531	0.0500	6.2	20.0
Tetrahydrofuran	Ave	0.0665	0.0465		0.0699	0.100	-30.1*	20.0
Chloroform	Ave	0.3979	0.4100	0.2000	0.0515	0.0500	3.0	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3621	0.1000	0.0579	0.0500	15.8	20.0
Cyclohexane	Ave	0.5900	0.5046	0.1000	0.0428	0.0500	-14.5	20.0
Carbon tetrachloride	Ave	0.2541	0.2999	0.1000	0.0590	0.0500	18.1	20.0
1,1-Dichloropropene	Ave	0.3331	0.3169		0.0476	0.0500	-4.9	20.0
Benzene	Ave	0.999	0.9115	0.5000	0.0456	0.0500	-8.8	20.0
Isobutyl alcohol	Ave	0.0071	0.0057		0.990	1.25	-20.8*	20.0
1,2-Dichloroethane	Ave	0.2792	0.2734	0.1000	0.0490	0.0500	-2.1	20.0
n-Heptane	Ave	0.0682	0.0681		0.0499	0.0500	-0.1	20.0
Trichloroethene	Ave	0.2336	0.2375	0.2000	0.0508	0.0500	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207560/3 Calibration Date: 11/19/2015 11:25

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146565.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.4586	0.1000	0.0475	0.0500	-5.0	20.0
1,2-Dichloropropane	Ave	0.2493	0.2168	0.1000	0.0435	0.0500	-13.0	20.0
Dibromomethane	Ave	0.1040	0.1010		0.0486	0.0500	-2.9	20.0
1,4-Dioxane	Ave	0.0017	0.0014		0.820	1.00	-18.0	20.0
Bromodichloromethane	Ave	0.2508	0.2588	0.1000	0.0516	0.0500	3.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0668		0.0716	0.100	-28.4*	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.2831	0.1500	0.0458	0.0500	-8.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2257	0.0500	0.0727	0.100	-27.3*	20.0
Toluene	Ave	1.617	1.530	0.4000	0.0473	0.0500	-5.4	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3350	0.1000	0.0455	0.0500	-9.0	20.0
Ethyl methacrylate	Ave	0.3012	0.2581		0.0429	0.0500	-14.3	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2272	0.1000	0.0487	0.0500	-2.6	20.0
Tetrachloroethene	Ave	0.2833	0.2778	0.2000	0.0490	0.0500	-1.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.3771		0.0442	0.0500	-11.6	20.0
2-Hexanone	Ave	0.2007	0.1456	0.0500	0.0726	0.100	-27.4*	20.0
Dibromochloromethane	Lin1		0.2388		0.0482	0.0500	-3.6	20.0
1,2-Dibromoethane	Ave	0.2138	0.2096		0.0490	0.0500	-2.0	20.0
Chlorobenzene	Ave	0.9298	0.8780	0.3000	0.0472	0.0500	-5.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.2962		0.0510	0.0500	2.1	20.0
Ethylbenzene	Ave	0.5296	0.4808		0.0454	0.0500	-9.2	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6095		0.0471	0.0500	-5.8	20.0
o-Xylene	Ave	0.6346	0.6111		0.0481	0.0500	-3.7	20.0
Styrene	Ave	0.9556	0.9219	0.3000	0.0482	0.0500	-3.5	20.0
Bromoform	Lin1		0.1184	0.1000	0.0465	0.0500	-7.0	20.0
Isopropylbenzene	Ave	1.742	1.716	0.1000	0.0493	0.0500	-1.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.5463	0.3000	0.0458	0.0500	-8.3	20.0
Bromobenzene	Ave	0.7042	0.7072		0.0502	0.0500	0.4	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1657		0.0470	0.0500	-6.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1745		0.0405	0.0500	-18.9	20.0
N-Propylbenzene	Ave	0.9769	0.9698		0.0496	0.0500	-0.7	20.0
2-Chlorotoluene	Ave	0.8014	0.7736		0.0483	0.0500	-3.5	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.074		0.0495	0.0500	-0.9	20.0
4-Chlorotoluene	Ave	0.7776	0.7509		0.0483	0.0500	-3.4	20.0
tert-Butylbenzene	Ave	2.752	2.719		0.0494	0.0500	-1.2	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.050		0.0495	0.0500	-1.0	20.0
sec-Butylbenzene	Ave	4.194	4.041		0.0482	0.0500	-3.7	20.0
1,3-Dichlorobenzene	Ave	1.474	1.350	0.6000	0.0458	0.0500	-8.4	20.0
p-Isopropyltoluene	Ave	3.242	3.307		0.0510	0.0500	2.0	20.0
1,4-Dichlorobenzene	Ave	1.484	1.309	0.5000	0.0441	0.0500	-11.8	20.0
n-Butylbenzene	Ave	3.148	3.111		0.0494	0.0500	-1.2	20.0
1,2-Dichlorobenzene	Ave	1.421	1.277	0.4000	0.0449	0.0500	-10.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207560/3 Calibration Date: 11/19/2015 11:25

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146565.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0923	0.0500	0.0530	0.0500	5.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9496	0.2000	0.0488	0.0500	-2.4	20.0
Hexachlorobutadiene	Ave	0.5396	0.5693		0.0528	0.0500	5.5	20.0
Naphthalene	Ave	2.263	1.959		0.0433	0.0500	-13.4	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.8779		0.0476	0.0500	-4.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2144		0.0498	0.0500	-0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2456		0.0488	0.0500	-2.4	20.0
Toluene-d8 (Surr)	Ave	1.539	1.397		0.0454	0.0500	-9.2	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	0.9335		0.0407	0.0500	-18.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207560/4 Calibration Date: 11/19/2015 11:46

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146566.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0212		0.474	0.500	-5.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4465		0.0514	0.0500	2.9	20.0
Diisopropyl ether	Ave	0.2079	0.2047		0.0492	0.0500	-1.6	20.0
Ethyl t-butyl ether	Ave	0.8262	0.7266		0.0440	0.0500	-12.1	20.0
Ethyl acetate	Ave	0.1606	0.1435		0.0893	0.100	-10.7	20.0
Propionitrile	Ave	0.0278	0.0225		0.405	0.500	-19.0	20.0
Methacrylonitrile	Ave	0.1070	0.1050		0.491	0.500	-1.8	20.0
Tert-amyl methyl ether	Ave	0.7020	0.5897		0.0420	0.0500	-16.0	20.0
n-Butanol	Ave	0.0105	0.0068		0.812	1.25	-35.0*	20.0
Methyl methacrylate	Ave	0.1432	0.1432		0.100	0.100	-0.0	20.0
2-Nitropropane	Ave	0.0224	0.0246		0.110	0.100	9.5	20.0
1-Chlorohexane	Ave	0.4504	0.4898		0.0544	0.0500	8.8	20.0
Cyclohexanone	Ave	0.0123	0.0081		0.329	0.500	-34.1*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.185		0.0525	0.0500	5.0	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.216		0.0555	0.0500	11.0	20.0
2-Methylnaphthalene	Ave	1.220	1.325		0.109	0.100	8.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206828/11 Calibration Date: 11/17/2015 06:59

Instrument ID: A3UX8 Calib Start Date: 07/30/2015 02:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2015 05:04

Lab File ID: UX80802.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Lin1	0.0079			0.00120	0.0250	-100.0*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206828/11 Calibration Date: 11/17/2015 06:59

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80802.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1497	0.1487	0.1000	0.0248	0.0250	-0.7	20.0
Chloromethane	Ave	0.1924	0.1902	0.1000	0.0247	0.0250	-1.1	20.0
Vinyl chloride	Ave	0.1349	0.1294	0.1000	0.0240	0.0250	-4.1	20.0
Butadiene	Ave	0.1660	0.1604		0.0242	0.0250	-3.4	20.0
Bromomethane	Qua		0.0753	0.0500	0.0243	0.0250	-2.8	20.0
Chloroethane	Ave	0.0960	0.0898	0.0500	0.0234	0.0250	-6.5	20.0
Dichlorofluoromethane	Ave	0.2223	0.2152		0.0242	0.0250	-3.2	20.0
Trichlorofluoromethane	Ave	0.2598	0.2482	0.1000	0.0239	0.0250	-4.5	20.0
Ethyl ether	Ave	0.2560	0.2382		0.0233	0.0250	-7.0	20.0
Acrolein	Ave	0.0281	0.0481		0.214	0.125	71.5*	20.0
1,1-Dichloroethene	Ave	0.2330	0.2192	0.1000	0.0235	0.0250	-5.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1254	0.1210	0.0500	0.0241	0.0250	-3.5	20.0
Acetone	Lin1		0.1530	0.0500	0.0517	0.0500	3.5	20.0
Iodomethane	Ave	0.4500	0.4532		0.0252	0.0250	0.7	20.0
Carbon disulfide	Ave	0.6525	0.6398	0.1000	0.0245	0.0250	-1.9	20.0
3-Chloro-1-propene	Ave	0.1344	0.1267		0.0236	0.0250	-5.7	20.0
Methyl acetate	Ave	0.2699	0.2755	0.1000	0.128	0.125	2.1	20.0
Methylene Chloride	Lin1		0.3265	0.1000	0.0250	0.0250	0.2	20.0
2-Methyl-2-propanol	Ave	0.0239	0.0253		0.265	0.250	6.1	20.0
Acrylonitrile	Ave	0.1173	0.1201		0.256	0.250	2.3	20.0
Methyl tert-butyl ether	Ave	0.7410	0.7723	0.1000	0.0261	0.0250	4.2	20.0
trans-1,2-Dichloroethene	Ave	0.2714	0.2760	0.1000	0.0254	0.0250	1.7	20.0
Hexane	Ave	0.0744	0.0700		0.0235	0.0250	-6.0	20.0
1,1-Dichloroethane	Ave	0.5041	0.5104	0.1000	0.0253	0.0250	1.2	20.0
Vinyl acetate	Ave	0.6611	0.5554		0.0210	0.0250	-16.0	20.0
2,2-Dichloropropane	Ave	0.2544	0.2361		0.0232	0.0250	-7.2	20.0
2-Butanone (MEK)	Ave	0.1871	0.1796	0.0500	0.0480	0.0500	-4.0	20.0
cis-1,2-Dichloroethene	Ave	0.2925	0.2942	0.1000	0.0251	0.0250	0.6	20.0
Chlorobromomethane	Ave	0.1484	0.1583		0.0267	0.0250	6.7	20.0
Chloroform	Ave	0.4626	0.4752	0.2000	0.0257	0.0250	2.7	20.0
Tetrahydrofuran	Ave	0.1063	0.1086		0.0511	0.0500	2.2	20.0
1,1,1-Trichloroethane	Ave	0.3736	0.3733	0.1000	0.0250	0.0250	-0.0	20.0
Cyclohexane	Ave	0.4872	0.4831	0.1000	0.0248	0.0250	-0.8	20.0
1,1-Dichloropropene	Ave	0.3213	0.3342		0.0260	0.0250	4.0	20.0
Carbon tetrachloride	Ave	0.3261	0.3293	0.1000	0.0253	0.0250	1.0	20.0
Isobutyl alcohol	Ave	0.0106	0.0120		0.708	0.625	13.3	20.0
1,2-Dichloroethane	Ave	0.4281	0.4336	0.1000	0.0253	0.0250	1.3	20.0
Benzene	Ave	0.9846	0.9662	0.5000	0.0245	0.0250	-1.9	20.0
n-Heptane	Ave	0.0792	0.0760		0.0240	0.0250	-4.0	20.0
Trichloroethene	Ave	0.2924	0.2992	0.2000	0.0256	0.0250	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206828/11 Calibration Date: 11/17/2015 06:59

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80802.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2509	0.2584	0.1000	0.0257	0.0250	3.0	20.0
Methylcyclohexane	Ave	0.4273	0.4210	0.1000	0.0246	0.0250	-1.5	20.0
1,4-Dioxane	Ave	0.0020	0.0022		0.540	0.500	7.9	20.0
Dibromomethane	Ave	0.1440	0.1535		0.0267	0.0250	6.7	20.0
Dichlorobromomethane	Ave	0.3082	0.3152	0.1000	0.0256	0.0250	2.3	20.0
cis-1,3-Dichloropropene	Ave	0.3131	0.3178	0.1500	0.0254	0.0250	1.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3088	0.3277	0.0500	0.0530	0.0500	6.1	20.0
Toluene	Ave	1.587	1.548	0.4000	0.0244	0.0250	-2.5	20.0
trans-1,3-Dichloropropene	Lin1		0.4040	0.1000	0.0233	0.0250	-6.8	20.0
Ethyl methacrylate	Ave	0.3752	0.4000		0.0267	0.0250	6.6	20.0
1,1,2-Trichloroethane	Ave	0.2977	0.3062	0.1000	0.0257	0.0250	2.8	20.0
1,3-Dichloropropane	Ave	0.5168	0.4991		0.0241	0.0250	-3.4	20.0
Tetrachloroethene	Ave	0.3447	0.3302	0.2000	0.0240	0.0250	-4.2	20.0
2-Hexanone	Ave	0.3236	0.3267	0.0500	0.0505	0.0500	1.0	20.0
Chlorodibromomethane	Ave	0.3196	0.3345		0.0262	0.0250	4.7	20.0
Ethylene Dibromide	Ave	0.2966	0.3056		0.0258	0.0250	3.0	20.0
Chlorobenzene	Ave	1.031	1.004	0.3000	0.0244	0.0250	-2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3525	0.3753		0.0266	0.0250	6.5	20.0
Ethylbenzene	Ave	0.5177	0.5036		0.0243	0.0250	-2.7	20.0
m-Xylene & p-Xylene	Ave	0.6225	0.6141		0.0247	0.0250	-1.3	20.0
o-Xylene	Ave	0.5865	0.6119		0.0261	0.0250	4.3	20.0
Styrene	Ave	0.9310	0.9171	0.3000	0.0246	0.0250	-1.5	20.0
Bromoform	Ave	0.1656	0.1683	0.1000	0.0254	0.0250	1.6	20.0
Isopropylbenzene	Ave	1.490	1.580	0.1000	0.0265	0.0250	6.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7801	0.8109	0.3000	0.0260	0.0250	3.9	20.0
Bromobenzene	Ave	0.996	0.9830		0.0247	0.0250	-1.3	20.0
1,2,3-Trichloropropane	Ave	0.2946	0.3172		0.0269	0.0250	7.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2669	0.2469		0.0231	0.0250	-7.5	20.0
N-Propylbenzene	Ave	1.113	1.110		0.0249	0.0250	-0.3	20.0
2-Chlorotoluene	Ave	0.9491	0.9748		0.0257	0.0250	2.7	20.0
1,3,5-Trimethylbenzene	Ave	2.891	3.052		0.0264	0.0250	5.6	20.0
4-Chlorotoluene	Ave	0.9505	0.9426		0.0248	0.0250	-0.8	20.0
tert-Butylbenzene	Ave	2.850	3.215		0.0282	0.0250	12.8	20.0
1,2,4-Trimethylbenzene	Ave	2.888	2.991		0.0259	0.0250	3.6	20.0
sec-Butylbenzene	Ave	3.470	3.656		0.0263	0.0250	5.4	20.0
1,3-Dichlorobenzene	Ave	1.640	1.554	0.6000	0.0237	0.0250	-5.2	20.0
4-Isopropyltoluene	Ave	3.107	3.217		0.0259	0.0250	3.6	20.0
1,4-Dichlorobenzene	Ave	1.661	1.574	0.5000	0.0237	0.0250	-5.2	20.0
n-Butylbenzene	Ave	2.283	2.279		0.0250	0.0250	-0.2	20.0
1,2-Dichlorobenzene	Ave	1.500	1.482	0.4000	0.0247	0.0250	-1.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1308	0.1156	0.0500	0.0221	0.0250	-11.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206828/11 Calibration Date: 11/17/2015 06:59

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80802.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.027	0.9519	0.2000	0.0232	0.0250	-7.3	20.0
Hexachlorobutadiene	Ave	0.5221	0.5029		0.0241	0.0250	-3.7	20.0
Naphthalene	Ave	2.353	2.321		0.0247	0.0250	-1.4	20.0
1,2,3-Trichlorobenzene	Ave	1.045	0.9599		0.0230	0.0250	-8.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2636	0.2556		0.0485	0.0500	-3.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3391	0.3242		0.0478	0.0500	-4.4	20.0
Toluene-d8 (Surr)	Ave	1.376	1.301		0.0473	0.0500	-5.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4404	0.4113		0.0467	0.0500	-6.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207720/4 Calibration Date: 11/20/2015 03:43

Instrument ID: A3UX8 Calib Start Date: 07/30/2015 02:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/30/2015 05:04

Lab File ID: UX80875.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Lin1	0.0079	0.0038			0.0400		20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207720/4 Calibration Date: 11/20/2015 03:43

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80875.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1497	0.1863	0.1000	0.0249	0.0200	24.4*	20.0
Chloromethane	Ave	0.1924	0.2006	0.1000	0.0209	0.0200	4.3	20.0
Vinyl chloride	Ave	0.1349	0.1429	0.1000	0.0212	0.0200	5.9	20.0
Butadiene	Ave	0.1660	0.1756		0.0212	0.0200	5.8	20.0
Bromomethane	Qua		0.0795	0.0500	0.0202	0.0200	1.0	20.0
Chloroethane	Ave	0.0960	0.0976	0.0500	0.0203	0.0200	1.7	20.0
Dichlorofluoromethane	Ave	0.2223	0.2305		0.0207	0.0200	3.7	20.0
Trichlorofluoromethane	Ave	0.2598	0.2786	0.1000	0.0214	0.0200	7.2	20.0
Ethyl ether	Ave	0.2560	0.2179		0.0170	0.0200	-14.9	20.0
Acrolein	Ave	0.0281	0.0232		0.0825	0.100	-17.5	20.0
1,1-Dichloroethene	Ave	0.2330	0.2331	0.1000	0.0200	0.0200	0.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1254	0.1315	0.0500	0.0210	0.0200	4.9	20.0
Acetone	Lin1		0.1565	0.0500	0.0413	0.0400	3.2	20.0
Iodomethane	Ave	0.4500	0.4287		0.0191	0.0200	-4.7	20.0
Carbon disulfide	Ave	0.6525	0.6573	0.1000	0.0201	0.0200	0.7	20.0
3-Chloro-1-propene	Ave	0.1344	0.1277		0.0190	0.0200	-4.9	20.0
Methyl acetate	Ave	0.2699	0.2467	0.1000	0.0914	0.100	-8.6	20.0
Methylene Chloride	Lin1		0.3185	0.1000	0.0178	0.0200	-10.8	20.0
2-Methyl-2-propanol	Ave	0.0239	0.0217		0.182	0.200	-9.2	20.0
Acrylonitrile	Ave	0.1173	0.1146		0.195	0.200	-2.3	20.0
Methyl tert-butyl ether	Ave	0.7410	0.6535	0.1000	0.0176	0.0200	-11.8	20.0
trans-1,2-Dichloroethene	Ave	0.2714	0.2632	0.1000	0.0194	0.0200	-3.0	20.0
Hexane	Ave	0.0744	0.0662		0.0178	0.0200	-11.0	20.0
1,1-Dichloroethane	Ave	0.5041	0.4671	0.1000	0.0185	0.0200	-7.4	20.0
Vinyl acetate	Ave	0.6611	0.5455		0.0165	0.0200	-17.5	20.0
2-Butanone (MEK)	Ave	0.1871	0.1882	0.0500	0.0402	0.0400	0.6	20.0
2,2-Dichloropropane	Ave	0.2544	0.2047		0.0161	0.0200	-19.6	20.0
cis-1,2-Dichloroethene	Ave	0.2925	0.2814	0.1000	0.0192	0.0200	-3.8	20.0
Chlorobromomethane	Ave	0.1484	0.1465		0.0198	0.0200	-1.2	20.0
Chloroform	Ave	0.4626	0.4536	0.2000	0.0196	0.0200	-2.0	20.0
Tetrahydrofuran	Ave	0.1063	0.1036		0.0390	0.0400	-2.5	20.0
1,1,1-Trichloroethane	Ave	0.3736	0.3557	0.1000	0.0190	0.0200	-4.8	20.0
Cyclohexane	Ave	0.4872	0.4985	0.1000	0.0205	0.0200	2.3	20.0
1,1-Dichloropropene	Ave	0.3213	0.3081		0.0192	0.0200	-4.1	20.0
Carbon tetrachloride	Ave	0.3261	0.3144	0.1000	0.0193	0.0200	-3.6	20.0
Isobutyl alcohol	Ave	0.0106	0.0108		0.512	0.500	2.4	20.0
1,2-Dichloroethane	Ave	0.4281	0.4189	0.1000	0.0196	0.0200	-2.1	20.0
Benzene	Ave	0.9846	0.9081	0.5000	0.0184	0.0200	-7.8	20.0
n-Heptane	Ave	0.0792	0.0710		0.0179	0.0200	-10.4	20.0
Trichloroethene	Ave	0.2924	0.2827	0.2000	0.0193	0.0200	-3.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207720/4 Calibration Date: 11/20/2015 03:43

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80875.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2509	0.2367	0.1000	0.0189	0.0200	-5.7	20.0
Methylcyclohexane	Ave	0.4273	0.4299	0.1000	0.0201	0.0200	0.6	20.0
1,4-Dioxane	Ave	0.0020	0.0023		0.456	0.400	13.9	20.0
Dibromomethane	Ave	0.1440	0.1486		0.0206	0.0200	3.2	20.0
Dichlorobromomethane	Ave	0.3082	0.3205	0.1000	0.0208	0.0200	4.0	20.0
cis-1,3-Dichloropropene	Ave	0.3131	0.2724	0.1500	0.0174	0.0200	-13.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3088	0.3266	0.0500	0.0423	0.0400	5.8	20.0
Toluene	Ave	1.587	1.524	0.4000	0.0192	0.0200	-3.9	20.0
trans-1,3-Dichloropropene	Lin1		0.3191	0.1000	0.0153	0.0200	-23.6*	20.0
Ethyl methacrylate	Ave	0.3752	0.3593		0.0192	0.0200	-4.2	20.0
1,1,2-Trichloroethane	Ave	0.2977	0.3075	0.1000	0.0207	0.0200	3.3	20.0
1,3-Dichloropropane	Ave	0.5168	0.5032		0.0195	0.0200	-2.6	20.0
Tetrachloroethene	Ave	0.3447	0.3327	0.2000	0.0193	0.0200	-3.5	20.0
2-Hexanone	Ave	0.3236	0.3359	0.0500	0.0415	0.0400	3.8	20.0
Chlorodibromomethane	Ave	0.3196	0.3464		0.0217	0.0200	8.4	20.0
Ethylene Dibromide	Ave	0.2966	0.2984		0.0201	0.0200	0.6	20.0
Chlorobenzene	Ave	1.031	0.998	0.3000	0.0194	0.0200	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3525	0.3718		0.0211	0.0200	5.5	20.0
Ethylbenzene	Ave	0.5177	0.5161		0.0199	0.0200	-0.3	20.0
m-Xylene & p-Xylene	Ave	0.6225	0.6189		0.0199	0.0200	-0.6	20.0
o-Xylene	Ave	0.5865	0.6208		0.0212	0.0200	5.9	20.0
Styrene	Ave	0.9310	0.9611	0.3000	0.0206	0.0200	3.2	20.0
Bromoform	Ave	0.1656	0.1683	0.1000	0.0203	0.0200	1.7	20.0
Isopropylbenzene	Ave	1.490	1.623	0.1000	0.0218	0.0200	9.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7801	0.8674	0.3000	0.0222	0.0200	11.2	20.0
Bromobenzene	Ave	0.996	1.000		0.0201	0.0200	0.4	20.0
1,2,3-Trichloropropane	Ave	0.2946	0.3326		0.0226	0.0200	12.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2669	0.2611		0.0196	0.0200	-2.2	20.0
N-Propylbenzene	Ave	1.113	1.191		0.0214	0.0200	7.0	20.0
2-Chlorotoluene	Ave	0.9491	1.023		0.0215	0.0200	7.7	20.0
1,3,5-Trimethylbenzene	Ave	2.891	3.219		0.0223	0.0200	11.4	20.0
4-Chlorotoluene	Ave	0.9505	0.9870		0.0208	0.0200	3.8	20.0
tert-Butylbenzene	Ave	2.850	3.110		0.0218	0.0200	9.1	20.0
1,2,4-Trimethylbenzene	Ave	2.888	3.208		0.0222	0.0200	11.1	20.0
sec-Butylbenzene	Ave	3.470	3.824		0.0220	0.0200	10.2	20.0
1,3-Dichlorobenzene	Ave	1.640	1.713	0.6000	0.0209	0.0200	4.4	20.0
4-Isopropyltoluene	Ave	3.107	3.404		0.0219	0.0200	9.6	20.0
1,4-Dichlorobenzene	Ave	1.661	1.676	0.5000	0.0202	0.0200	0.9	20.0
n-Butylbenzene	Ave	2.283	2.453		0.0215	0.0200	7.4	20.0
1,2-Dichlorobenzene	Ave	1.500	1.594	0.4000	0.0213	0.0200	6.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1308	0.1167	0.0500	0.0178	0.0200	-10.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207720/4 Calibration Date: 11/20/2015 03:43

Instrument ID: A3UX8 Calib Start Date: 11/17/2015 03:57

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/17/2015 06:38

Lab File ID: UX80875.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.027	1.050	0.2000	0.0204	0.0200	2.2	20.0
Hexachlorobutadiene	Ave	0.5221	0.5513		0.0211	0.0200	5.6	20.0
Naphthalene	Ave	2.353	2.463		0.0209	0.0200	4.7	20.0
1,2,3-Trichlorobenzene	Ave	1.045	1.056		0.0202	0.0200	1.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2636	0.2631		0.0499	0.0500	-0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3391	0.3119		0.0460	0.0500	-8.0	20.0
Toluene-d8 (Surr)	Ave	1.376	1.371		0.0498	0.0500	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4404	0.4124		0.0468	0.0500	-6.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207720/5 Calibration Date: 11/20/2015 04:04

Instrument ID: A3UX8 Calib Start Date: 07/15/2015 01:51

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 07/15/2015 03:38

Lab File ID: UX80876.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0523	0.0357		0.136	0.200	-31.9*	20.0
Isopropyl ether	Ave	0.2112	0.1991		0.0188	0.0200	-5.8	20.0
2-Chloro-1,3-butadiene	Ave	0.5368	0.4273		0.0159	0.0200	-20.4*	20.0
Tert-butyl ethyl ether	Ave	0.5770	0.6375		0.0221	0.0200	10.5	20.0
Ethyl acetate	Ave	0.3452	0.3255		0.0377	0.0400	-5.7	20.0
Propionitrile	Ave	0.0531	0.0421		0.159	0.200	-20.7*	20.0
Methacrylonitrile	Ave	0.2706	0.2228		0.165	0.200	-17.7	20.0
Tert-amyl methyl ether	Ave	0.4381	0.4514		0.0206	0.0200	3.0	20.0
n-Butanol	Qua		0.0051		0.391	0.500	-21.7*	20.0
Methyl methacrylate	Ave	0.3461	0.3120		0.0361	0.0400	-9.8	20.0
2-Nitropropane	Qua		0.0620		0.0365	0.0400	-8.7	20.0
1-Chlorohexane	Ave	0.3891	0.3762		0.0193	0.0200	-3.3	20.0
Cyclohexanone	Qua		0.0078		0.0914	0.200	-54.3*	20.0
1,2,3-Trimethylbenzene	Ave	2.816	2.416		0.0172	0.0200	-14.2	20.0
1,3,5-Trichlorobenzene	Ave	1.147	0.8132		0.0142	0.0200	-29.1*	20.0
2-Methylnaphthalene	Ave	1.621	0.9593		0.0237	0.0400	-40.8*	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207096/6

Matrix: Water | Lab File ID: UXX3070.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 12:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.53	U	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207096/6

Matrix: Water | Lab File ID: UXX3070.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 12:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	1.18		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207096/6

Matrix: Water | Lab File ID: UXX3070.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 12:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	82		80-120
1868-53-7	Dibromofluoromethane (Surr)	82		79-120
460-00-4	4-Bromofluorobenzene (Surr)	75		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207343/6

Matrix: Solid | Lab File ID: 146535.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	1.1	U	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207343/6

Matrix: Solid | Lab File ID: 146535.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.298	J	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207343/6

Matrix: Solid | Lab File ID: 146535.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	87		67-125
1868-53-7	Dibromofluoromethane (Surr)	91		37-132
460-00-4	4-Bromofluorobenzene (Surr)	76		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207560/6

Matrix: Solid | Lab File ID: 146568.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	1.1	U	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207560/6

Matrix: Solid | Lab File ID: 146568.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.348	J	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207560/6

Matrix: Solid | Lab File ID: 146568.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207720/8

Matrix: Solid | Lab File ID: UX80879.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/20/2015 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	1.1	U	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	6.42	J	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207720/8

Matrix: Solid | Lab File ID: UX80879.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/20/2015 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207720/8

Matrix: Solid | Lab File ID: UX80879.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/20/2015 05:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	120		67-125
1868-53-7	Dibromofluoromethane (Surr)	117		37-132
460-00-4	4-Bromofluorobenzene (Surr)	114		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207096/4

Matrix: Water | Lab File ID: UXX3068.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	9.46		1.0	0.28
71-55-6	1,1,1-Trichloroethane	9.11		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	10.0		1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.72		1.0	0.45
75-34-3	1,1-Dichloroethane	9.27		1.0	0.30
75-35-4	1,1-Dichloroethene	9.08		1.0	0.45
563-58-6	1,1-Dichloropropene	10.0		1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	5.89		1.0	0.37
96-18-4	1,2,3-Trichloropropane	10.0		1.0	0.44
120-82-1	1,2,4-Trichlorobenzene	6.37		1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	9.26		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	8.37		2.0	0.82
95-50-1	1,2-Dichlorobenzene	9.01		1.0	0.25
107-06-2	1,2-Dichloroethane	9.37		1.0	0.23
78-87-5	1,2-Dichloropropane	9.44		1.0	0.25
541-73-1	1,3-Dichlorobenzene	9.15		1.0	0.19
142-28-9	1,3-Dichloropropane	9.46		1.0	0.19
106-46-7	1,4-Dichlorobenzene	9.15		1.0	0.27
594-20-7	2,2-Dichloropropane	7.77		1.0	0.26
78-93-3	2-Butanone (MEK)	19.0		10	0.53
110-75-8	2-Chloroethyl vinyl ether	9.41	J	10	0.59
95-49-8	2-Chlorotoluene	9.78		1.0	0.40
591-78-6	2-Hexanone	19.2		10	0.48
106-43-4	4-Chlorotoluene	9.88		1.0	0.29
99-87-6	p-Isopropyltoluene	9.20		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	18.8		10	0.99
67-64-1	Acetone	18.4		10	0.94
71-43-2	Benzene	9.16		1.0	0.35
108-86-1	Bromobenzene	9.75		1.0	0.35
75-25-2	Bromoform	8.92		1.0	0.56
74-83-9	Bromomethane	8.49		1.0	0.44
75-15-0	Carbon disulfide	8.54		1.0	0.38
56-23-5	Carbon tetrachloride	9.28		1.0	0.43
108-90-7	Chlorobenzene	9.38		1.0	0.25
124-48-1	Dibromochloromethane	9.64		1.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207096/4

Matrix: Water | Lab File ID: UXX3068.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	8.47		1.0	0.32
67-66-3	Chloroform	9.47		1.0	0.25
74-87-3	Chloromethane	8.43		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	9.25		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	9.55		1.0	0.46
74-95-3	Dibromomethane	9.34		1.0	0.42
74-97-5	Bromochloromethane	9.25		1.0	0.50
75-71-8	Dichlorodifluoromethane	6.79		1.0	0.32
75-27-4	Bromodichloromethane	9.05		1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	73.6		50	4.9
100-41-4	Ethylbenzene	9.52		1.0	0.25
87-68-3	Hexachlorobutadiene	6.28		1.0	0.35
98-82-8	Isopropylbenzene	9.49		1.0	0.35
1634-04-4	Methyl tert-butyl ether	8.83		1.0	0.20
75-09-2	Methylene Chloride	10.9		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	9.72		2.0	0.24
91-20-3	Naphthalene	6.29		1.0	0.45
104-51-8	n-Butylbenzene	8.80		1.0	0.31
103-65-1	N-Propylbenzene	10.1		1.0	0.40
95-47-6	o-Xylene	9.71		1.0	0.25
135-98-8	sec-Butylbenzene	9.36		1.0	0.48
100-42-5	Styrene	9.41		1.0	0.45
127-18-4	Tetrachloroethene	9.47		1.0	0.31
108-88-3	Toluene	9.21		1.0	0.23
156-60-5	trans-1,2-Dichloroethene	9.18		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	9.95		1.0	0.56
79-01-6	Trichloroethene	9.58		1.0	0.22
75-69-4	Trichlorofluoromethane	9.63		1.0	0.49
108-05-4	Vinyl acetate	7.50		2.0	0.41
75-01-4	Vinyl chloride	8.72		1.0	0.29
1330-20-7	Xylenes, Total	19.4		2.0	0.52
98-06-6	tert-Butylbenzene	9.70		1.0	0.41
106-93-4	1,2-Dibromoethane	9.91		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207096/4

Matrix: Water Lab File ID: UXX3068.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/17/2015 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	90		79-120
460-00-4	4-Bromofluorobenzene (Surr)	85		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207343/5

Matrix: Solid | Lab File ID: 146534.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.0		5.0	0.50
71-55-6	1,1,1-Trichloroethane	22.4		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	17.6		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		5.0	0.42
75-34-3	1,1-Dichloroethane	18.2		5.0	0.34
75-35-4	1,1-Dichloroethene	17.0		5.0	0.80
563-58-6	1,1-Dichloropropene	19.3		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	18.7		5.0	0.50
96-18-4	1,2,3-Trichloropropane	20.0		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	18.7		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	18.7		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		10	2.7
95-50-1	1,2-Dichlorobenzene	18.0		5.0	0.34
107-06-2	1,2-Dichloroethane	19.6		5.0	0.46
78-87-5	1,2-Dichloropropane	16.9		5.0	0.14
541-73-1	1,3-Dichlorobenzene	17.9		5.0	0.69
142-28-9	1,3-Dichloropropane	17.4		5.0	0.40
106-46-7	1,4-Dichlorobenzene	17.6		5.0	0.28
594-20-7	2,2-Dichloropropane	22.1		5.0	0.44
78-93-3	2-Butanone (MEK)	26.6		20	1.1
110-75-8	2-Chloroethyl vinyl ether	12.5	J	50	0.64
95-49-8	2-Chlorotoluene	19.3		5.0	0.30
591-78-6	2-Hexanone	30.6		20	0.68
106-43-4	4-Chlorotoluene	19.5		5.0	0.26
99-87-6	p-Isopropyltoluene	19.3		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	30.2		20	1.2
67-64-1	Acetone	36.6		20	5.7
71-43-2	Benzene	18.3		5.0	0.90
108-86-1	Bromobenzene	19.7		5.0	0.33
75-25-2	Bromoform	16.8		5.0	0.24
74-83-9	Bromomethane	18.2		5.0	0.42
75-15-0	Carbon disulfide	16.2		5.0	0.59
56-23-5	Carbon tetrachloride	22.6		5.0	0.65
108-90-7	Chlorobenzene	18.9		5.0	0.53
124-48-1	Dibromochloromethane	18.3		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207343/5

Matrix: Solid | Lab File ID: 146534.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	17.0		5.0	0.44
67-66-3	Chloroform	19.9		5.0	0.36
74-87-3	Chloromethane	13.3		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	20.0		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	16.5		5.0	0.71
74-95-3	Dibromomethane	19.1		5.0	0.42
74-97-5	Bromochloromethane	20.6		5.0	0.33
75-71-8	Dichlorodifluoromethane	16.4		5.0	0.28
75-27-4	Bromodichloromethane	18.4		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	135	J	200	5.7
100-41-4	Ethylbenzene	19.3		5.0	0.32
87-68-3	Hexachlorobutadiene	19.5		5.0	0.40
98-82-8	Isopropylbenzene	19.6		5.0	0.20
1634-04-4	Methyl tert-butyl ether	18.0		5.0	0.43
75-09-2	Methylene Chloride	15.3		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	18.8		10	0.42
91-20-3	Naphthalene	16.8		5.0	0.35
104-51-8	n-Butylbenzene	18.9		5.0	0.59
103-65-1	N-Propylbenzene	19.0		5.0	0.60
95-47-6	o-Xylene	20.1		5.0	0.57
135-98-8	sec-Butylbenzene	18.6		5.0	0.91
100-42-5	Styrene	18.2		5.0	0.40
127-18-4	Tetrachloroethene	20.1		5.0	0.80
108-88-3	Toluene	19.5		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	20.1		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	18.1		5.0	0.29
79-01-6	Trichloroethene	20.3		5.0	0.38
75-69-4	Trichlorofluoromethane	20.8		5.0	0.29
108-05-4	Vinyl acetate	15.5		10	0.66
75-01-4	Vinyl chloride	14.2		5.0	0.30
1330-20-7	Xylenes, Total	38.9		10	0.54
98-06-6	tert-Butylbenzene	19.0		5.0	0.67
106-93-4	1,2-Dibromoethane	20.0		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207343/5

Matrix: Solid Lab File ID: 146534.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/18/2015 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207343 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	97		37-132
460-00-4	4-Bromofluorobenzene (Surr)	80		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207343/7

Matrix: Solid | Lab File ID: 146536.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/18/2015 12:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207343 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
526-73-8	1,2,3-Trimethylbenzene	18.4		5.0	0.46
108-20-3	Diisopropyl ether	18.2		10	0.59
994-05-8	Tert-amyl methyl ether	15.1		5.0	0.43
637-92-3	Ethyl t-butyl ether	15.1		5.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	80		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207560/5

Matrix: Solid | Lab File ID: 146567.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.2		5.0	0.50
71-55-6	1,1,1-Trichloroethane	23.2		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	18.7		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.0		5.0	0.42
75-34-3	1,1-Dichloroethane	18.9		5.0	0.34
75-35-4	1,1-Dichloroethene	18.5		5.0	0.80
563-58-6	1,1-Dichloropropene	21.0		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	19.1		5.0	0.50
96-18-4	1,2,3-Trichloropropane	18.4		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	19.0		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	19.3		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		10	2.7
95-50-1	1,2-Dichlorobenzene	18.8		5.0	0.34
107-06-2	1,2-Dichloroethane	20.7		5.0	0.46
78-87-5	1,2-Dichloropropane	17.5		5.0	0.14
541-73-1	1,3-Dichlorobenzene	18.4		5.0	0.69
142-28-9	1,3-Dichloropropane	18.4		5.0	0.40
106-46-7	1,4-Dichlorobenzene	18.1		5.0	0.28
594-20-7	2,2-Dichloropropane	23.0		5.0	0.44
78-93-3	2-Butanone (MEK)	30.7		20	1.1
110-75-8	2-Chloroethyl vinyl ether	13.8	J	50	0.64
95-49-8	2-Chlorotoluene	19.4		5.0	0.30
591-78-6	2-Hexanone	32.4		20	0.68
106-43-4	4-Chlorotoluene	19.4		5.0	0.26
99-87-6	p-Isopropyltoluene	19.9		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	31.6		20	1.2
67-64-1	Acetone	33.8		20	5.7
71-43-2	Benzene	18.6		5.0	0.90
108-86-1	Bromobenzene	20.2		5.0	0.33
75-25-2	Bromoform	17.5		5.0	0.24
74-83-9	Bromomethane	18.6		5.0	0.42
75-15-0	Carbon disulfide	16.2		5.0	0.59
56-23-5	Carbon tetrachloride	22.9		5.0	0.65
108-90-7	Chlorobenzene	19.5		5.0	0.53
124-48-1	Dibromochloromethane	18.4		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207560/5

Matrix: Solid | Lab File ID: 146567.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	18.5		5.0	0.44
67-66-3	Chloroform	20.8		5.0	0.36
74-87-3	Chloromethane	14.3		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	20.5		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	17.9		5.0	0.71
74-95-3	Dibromomethane	21.3		5.0	0.42
74-97-5	Bromochloromethane	20.9		5.0	0.33
75-71-8	Dichlorodifluoromethane	15.4		5.0	0.28
75-27-4	Bromodichloromethane	19.3		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	159	J	200	5.7
100-41-4	Ethylbenzene	20.0		5.0	0.32
87-68-3	Hexachlorobutadiene	20.9		5.0	0.40
98-82-8	Isopropylbenzene	20.5		5.0	0.20
1634-04-4	Methyl tert-butyl ether	18.8		5.0	0.43
75-09-2	Methylene Chloride	15.3		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	19.9		10	0.42
91-20-3	Naphthalene	17.7		5.0	0.35
104-51-8	n-Butylbenzene	19.4		5.0	0.59
103-65-1	N-Propylbenzene	19.3		5.0	0.60
95-47-6	o-Xylene	20.3		5.0	0.57
135-98-8	sec-Butylbenzene	19.4		5.0	0.91
100-42-5	Styrene	18.4		5.0	0.40
127-18-4	Tetrachloroethene	20.7		5.0	0.80
108-88-3	Toluene	19.9		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	20.8		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	19.3		5.0	0.29
79-01-6	Trichloroethene	20.4		5.0	0.38
75-69-4	Trichlorofluoromethane	21.9		5.0	0.29
108-05-4	Vinyl acetate	17.2		10	0.66
75-01-4	Vinyl chloride	14.8		5.0	0.30
1330-20-7	Xylenes, Total	40.2		10	0.54
98-06-6	tert-Butylbenzene	19.2		5.0	0.67
106-93-4	1,2-Dibromoethane	20.9		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207560/5

Matrix: Solid Lab File ID: 146567.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/19/2015 12:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207560 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207560/7

Matrix: Solid | Lab File ID: 146569.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/19/2015 12:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
526-73-8	1,2,3-Trimethylbenzene	18.5		5.0	0.46
108-20-3	Diisopropyl ether	18.0		10	0.59
994-05-8	Tert-amyl methyl ether	14.9		5.0	0.43
637-92-3	Ethyl t-butyl ether	15.7		5.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207720/6

Matrix: Solid | Lab File ID: UX80877.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/20/2015 04:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	49.7		5.0	0.50
71-55-6	1,1,1-Trichloroethane	49.6		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	49.8		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	51.8		5.0	0.42
75-34-3	1,1-Dichloroethane	48.9		5.0	0.34
75-35-4	1,1-Dichloroethene	48.3		5.0	0.80
563-58-6	1,1-Dichloropropene	52.2		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	45.0		5.0	0.50
96-18-4	1,2,3-Trichloropropane	52.8		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	46.3		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	49.4		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	48.6		10	2.7
95-50-1	1,2-Dichlorobenzene	46.6		5.0	0.34
107-06-2	1,2-Dichloroethane	49.9		5.0	0.46
78-87-5	1,2-Dichloropropane	47.1		5.0	0.14
541-73-1	1,3-Dichlorobenzene	45.9		5.0	0.69
142-28-9	1,3-Dichloropropane	46.0		5.0	0.40
106-46-7	1,4-Dichlorobenzene	45.5		5.0	0.28
594-20-7	2,2-Dichloropropane	44.2		5.0	0.44
78-93-3	2-Butanone (MEK)	98.6		20	1.1
110-75-8	2-Chloroethyl vinyl ether	NC		50	0.64
95-49-8	2-Chlorotoluene	48.0		5.0	0.30
591-78-6	2-Hexanone	102		20	0.68
106-43-4	4-Chlorotoluene	45.9		5.0	0.26
99-87-6	p-Isopropyltoluene	50.3		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	107		20	1.2
67-64-1	Acetone	111		20	5.7
71-43-2	Benzene	46.8		5.0	0.90
108-86-1	Bromobenzene	46.6		5.0	0.33
75-25-2	Bromoform	49.8		5.0	0.24
74-83-9	Bromomethane	56.1		5.0	0.42
75-15-0	Carbon disulfide	50.4		5.0	0.59
56-23-5	Carbon tetrachloride	53.3		5.0	0.65
108-90-7	Chlorobenzene	45.5		5.0	0.53
124-48-1	Dibromochloromethane	52.7		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207720/6

Matrix: Solid | Lab File ID: UX80877.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/20/2015 04:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	49.4		5.0	0.44
67-66-3	Chloroform	49.5		5.0	0.36
74-87-3	Chloromethane	50.8		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	48.3		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	48.3		5.0	0.71
74-95-3	Dibromomethane	49.9		5.0	0.42
74-97-5	Bromochloromethane	49.5		5.0	0.33
75-71-8	Dichlorodifluoromethane	52.4		5.0	0.28
75-27-4	Bromodichloromethane	50.4		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	440		200	5.7
100-41-4	Ethylbenzene	45.5		5.0	0.32
87-68-3	Hexachlorobutadiene	48.6		5.0	0.40
98-82-8	Isopropylbenzene	50.1		5.0	0.20
1634-04-4	Methyl tert-butyl ether	47.8		5.0	0.43
75-09-2	Methylene Chloride	52.3		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	46.2		10	0.42
91-20-3	Naphthalene	52.0		5.0	0.35
104-51-8	n-Butylbenzene	50.0		5.0	0.59
103-65-1	N-Propylbenzene	48.6		5.0	0.60
95-47-6	o-Xylene	47.8		5.0	0.57
135-98-8	sec-Butylbenzene	51.0		5.0	0.91
100-42-5	Styrene	45.9		5.0	0.40
127-18-4	Tetrachloroethene	45.4		5.0	0.80
108-88-3	Toluene	45.5		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	48.7		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	42.9		5.0	0.29
79-01-6	Trichloroethene	48.9		5.0	0.38
75-69-4	Trichlorofluoromethane	50.8		5.0	0.29
108-05-4	Vinyl acetate	39.2		10	0.66
75-01-4	Vinyl chloride	49.9		5.0	0.30
1330-20-7	Xylenes, Total	94.0		10	0.54
98-06-6	tert-Butylbenzene	55.3		5.0	0.67
106-93-4	1,2-Dibromoethane	48.6		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207720/6

Matrix: Solid Lab File ID: UX80877.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/20/2015 04:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207720 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	104		67-125
1868-53-7	Dibromofluoromethane (Surr)	105		37-132
460-00-4	4-Bromofluorobenzene (Surr)	96		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 200-30727-B-1 MS

Matrix: Water | Lab File ID: UXX3079.D

Analysis Method: 8260C | Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 15:35

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	486		50	14
71-55-6	1,1,1-Trichloroethane	466		50	22
79-34-5	1,1,2,2-Tetrachloroethane	484		50	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	502		50	23
75-34-3	1,1-Dichloroethane	477		50	15
75-35-4	1,1-Dichloroethene	485		50	23
563-58-6	1,1-Dichloropropene	526		50	21
87-61-6	1,2,3-Trichlorobenzene	409		50	19
96-18-4	1,2,3-Trichloropropane	498		50	22
120-82-1	1,2,4-Trichlorobenzene	426		50	16
95-63-6	1,2,4-Trimethylbenzene	477		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	381		100	41
95-50-1	1,2-Dichlorobenzene	475		50	13
107-06-2	1,2-Dichloroethane	489		50	12
78-87-5	1,2-Dichloropropane	483		50	13
541-73-1	1,3-Dichlorobenzene	468		50	9.5
142-28-9	1,3-Dichloropropane	483		50	9.5
106-46-7	1,4-Dichlorobenzene	472		50	14
594-20-7	2,2-Dichloropropane	402		50	13
78-93-3	2-Butanone (MEK)	953		500	27
110-75-8	2-Chloroethyl vinyl ether	278	J	500	30
95-49-8	2-Chlorotoluene	484		50	20
591-78-6	2-Hexanone	954		500	24
106-43-4	4-Chlorotoluene	501		50	15
99-87-6	p-Isopropyltoluene	475		50	22
108-10-1	4-Methyl-2-pentanone (MIBK)	957		500	50
67-64-1	Acetone	998		500	47
71-43-2	Benzene	471		50	18
108-86-1	Bromobenzene	486		50	18
75-25-2	Bromoform	419		50	28
74-83-9	Bromomethane	402		50	22
75-15-0	Carbon disulfide	465		50	19
56-23-5	Carbon tetrachloride	475		50	22
108-90-7	Chlorobenzene	482		50	13
124-48-1	Dibromochloromethane	458		50	22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 200-30727-B-1 MS

Matrix: Water | Lab File ID: UXX3079.D

Analysis Method: 8260C | Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 15:35

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	426		50	16
67-66-3	Chloroform	488		50	13
74-87-3	Chloromethane	356		50	22
156-59-2	cis-1,2-Dichloroethene	1660		50	13
10061-01-5	cis-1,3-Dichloropropene	470		50	23
74-95-3	Dibromomethane	479		50	21
74-97-5	Bromochloromethane	481		50	25
75-71-8	Dichlorodifluoromethane	360		50	16
75-27-4	Bromodichloromethane	458		50	15
100-41-4	Ethylbenzene	489		50	13
87-68-3	Hexachlorobutadiene	395		50	18
98-82-8	Isopropylbenzene	498		50	18
1634-04-4	Methyl tert-butyl ether	443		50	10
75-09-2	Methylene Chloride	578		50	17
179601-23-1	m-Xylene & p-Xylene	509		100	12
91-20-3	Naphthalene	498		50	23
104-51-8	n-Butylbenzene	473		50	16
103-65-1	N-Propylbenzene	516		50	20
95-47-6	o-Xylene	501		50	13
135-98-8	sec-Butylbenzene	489		50	24
100-42-5	Styrene	487		50	23
127-18-4	Tetrachloroethene	1140		50	16
108-88-3	Toluene	483		50	12
156-60-5	trans-1,2-Dichloroethene	493		50	15
10061-02-6	trans-1,3-Dichloropropene	474		50	28
79-01-6	Trichloroethene	1110		50	11
75-69-4	Trichlorofluoromethane	455		50	25
108-05-4	Vinyl acetate	376		100	21
75-01-4	Vinyl chloride	693		50	15
1330-20-7	Xylenes, Total	1010		100	26
98-06-6	tert-Butylbenzene	484		50	21
106-93-4	1,2-Dibromoethane	494		50	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: 200-30727-B-1 MS

Matrix: Water Lab File ID: UXX3079.D

Analysis Method: 8260C Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) Date Analyzed: 11/17/2015 15:35

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	84		80-120
1868-53-7	Dibromofluoromethane (Surr)	81		79-120
460-00-4	4-Bromofluorobenzene (Surr)	80		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57921-A-4-J MS

Matrix: Solid | Lab File ID: 146590.D

Analysis Method: 8260C | Date Collected: 11/10/2015 00:00

Sample wt/vol: 5.16(g) | Date Analyzed: 11/19/2015 20:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.0		5.1	0.66
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.1	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		5.1	0.43
75-34-3	1,1-Dichloroethane	16.3		5.1	0.34
75-35-4	1,1-Dichloroethene	24.7		5.1	0.81
120-82-1	1,2,4-Trichlorobenzene	9.56		5.1	0.38
96-12-8	1,2-Dibromo-3-Chloropropane	6.61	J	10	2.7
95-50-1	1,2-Dichlorobenzene	11.6		5.1	0.34
107-06-2	1,2-Dichloroethane	18.3		5.1	0.47
78-87-5	1,2-Dichloropropane	15.3		5.1	0.14
541-73-1	1,3-Dichlorobenzene	10.5		5.1	0.70
106-46-7	1,4-Dichlorobenzene	10.3		5.1	0.28
78-93-3	2-Butanone (MEK)	32.2		20	1.1
591-78-6	2-Hexanone	29.9		20	0.69
108-10-1	4-Methyl-2-pentanone (MIBK)	28.0		20	1.2
67-64-1	Acetone	78.3		20	5.8
71-43-2	Benzene	16.0		5.1	0.91
75-25-2	Bromoform	14.0		5.1	0.24
74-83-9	Bromomethane	12.4		5.1	0.43
75-15-0	Carbon disulfide	15.1		5.1	0.60
56-23-5	Carbon tetrachloride	19.5		5.1	0.66
108-90-7	Chlorobenzene	14.1		5.1	0.54
124-48-1	Dibromochloromethane	14.4		5.1	0.37
75-00-3	Chloroethane	15.8		5.1	0.45
67-66-3	Chloroform	18.3		5.1	0.36
74-87-3	Chloromethane	12.2		5.1	0.80
156-59-2	cis-1,2-Dichloroethene	17.3		5.1	0.28
10061-01-5	cis-1,3-Dichloropropene	9.86		5.1	0.72
75-71-8	Dichlorodifluoromethane	13.8		5.1	0.28
75-27-4	Bromodichloromethane	14.2		5.1	0.29
100-41-4	Ethylbenzene	14.0		5.1	0.32
98-82-8	Isopropylbenzene	13.3		5.1	0.20
1634-04-4	Methyl tert-butyl ether	17.4		5.1	0.44
75-09-2	Methylene Chloride	16.2		5.1	0.75
179601-23-1	m-Xylene & p-Xylene	13.6		10	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57921-A-4-J MS

Matrix: Solid | Lab File ID: 146590.D

Analysis Method: 8260C | Date Collected: 11/10/2015 00:00

Sample wt/vol: 5.16(g) | Date Analyzed: 11/19/2015 20:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	14.4		5.1	0.58
100-42-5	Styrene	12.7		5.1	0.40
127-18-4	Tetrachloroethene	15.3		5.1	0.81
108-88-3	Toluene	15.9		5.1	0.27
156-60-5	trans-1,2-Dichloroethene	17.3		5.1	0.32
10061-02-6	trans-1,3-Dichloropropene	12.3		5.1	0.29
79-01-6	Trichloroethene	31.6		5.1	0.38
75-69-4	Trichlorofluoromethane	18.7		5.1	0.29
75-01-4	Vinyl chloride	13.6		5.1	0.30
1330-20-7	Xylenes, Total	28.0		10	0.55
106-93-4	1,2-Dibromoethane	17.1		5.1	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		67-125
1868-53-7	Dibromofluoromethane (Surr)	52		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57972-C-3-C MS

Matrix: Solid | Lab File ID: UX80889.D

Analysis Method: 8260C | Date Collected: 11/16/2015 15:50

Sample wt/vol: 5.28(g) | Date Analyzed: 11/20/2015 08:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	37.4		22	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	98		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 200-30727-B-1 MSD

Matrix: Water | Lab File ID: UXX3080.D

Analysis Method: 8260C | Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 15:57

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	467		50	14
71-55-6	1,1,1-Trichloroethane	479		50	22
79-34-5	1,1,2,2-Tetrachloroethane	485		50	11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	518		50	23
75-34-3	1,1-Dichloroethane	479		50	15
75-35-4	1,1-Dichloroethene	504		50	23
563-58-6	1,1-Dichloropropene	514		50	21
87-61-6	1,2,3-Trichlorobenzene	414		50	19
96-18-4	1,2,3-Trichloropropane	491		50	22
120-82-1	1,2,4-Trichlorobenzene	425		50	16
95-63-6	1,2,4-Trimethylbenzene	470		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	387		100	41
95-50-1	1,2-Dichlorobenzene	465		50	13
107-06-2	1,2-Dichloroethane	487		50	12
78-87-5	1,2-Dichloropropane	486		50	13
541-73-1	1,3-Dichlorobenzene	469		50	9.5
142-28-9	1,3-Dichloropropane	483		50	9.5
106-46-7	1,4-Dichlorobenzene	465		50	14
594-20-7	2,2-Dichloropropane	410		50	13
78-93-3	2-Butanone (MEK)	997		500	27
110-75-8	2-Chloroethyl vinyl ether	254	J	500	30
95-49-8	2-Chlorotoluene	485		50	20
591-78-6	2-Hexanone	985		500	24
106-43-4	4-Chlorotoluene	486		50	15
99-87-6	p-Isopropyltoluene	477		50	22
108-10-1	4-Methyl-2-pentanone (MIBK)	965		500	50
67-64-1	Acetone	1070		500	47
71-43-2	Benzene	469		50	18
108-86-1	Bromobenzene	494		50	18
75-25-2	Bromoform	416		50	28
74-83-9	Bromomethane	420		50	22
75-15-0	Carbon disulfide	455		50	19
56-23-5	Carbon tetrachloride	485		50	22
108-90-7	Chlorobenzene	477		50	13
124-48-1	Dibromochloromethane	464		50	22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 200-30727-B-1 MSD

Matrix: Water | Lab File ID: UXX3080.D

Analysis Method: 8260C | Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/17/2015 15:57

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 207096 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	432		50	16
67-66-3	Chloroform	492		50	13
74-87-3	Chloromethane	379		50	22
156-59-2	cis-1,2-Dichloroethene	1660		50	13
10061-01-5	cis-1,3-Dichloropropene	483		50	23
74-95-3	Dibromomethane	478		50	21
74-97-5	Bromochloromethane	467		50	25
75-71-8	Dichlorodifluoromethane	354		50	16
75-27-4	Bromodichloromethane	462		50	15
100-41-4	Ethylbenzene	489		50	13
87-68-3	Hexachlorobutadiene	410		50	18
98-82-8	Isopropylbenzene	479		50	18
1634-04-4	Methyl tert-butyl ether	457		50	10
75-09-2	Methylene Chloride	579		50	17
179601-23-1	m-Xylene & p-Xylene	488		100	12
91-20-3	Naphthalene	431		50	23
104-51-8	n-Butylbenzene	463		50	16
103-65-1	N-Propylbenzene	510		50	20
95-47-6	o-Xylene	492		50	13
135-98-8	sec-Butylbenzene	480		50	24
100-42-5	Styrene	464		50	23
127-18-4	Tetrachloroethene	1160		50	16
108-88-3	Toluene	478		50	12
156-60-5	trans-1,2-Dichloroethene	486		50	15
10061-02-6	trans-1,3-Dichloropropene	494		50	28
79-01-6	Trichloroethene	1110		50	11
75-69-4	Trichlorofluoromethane	479		50	25
108-05-4	Vinyl acetate	383		100	21
75-01-4	Vinyl chloride	716		50	15
1330-20-7	Xylenes, Total	980		100	26
98-06-6	tert-Butylbenzene	485		50	21
106-93-4	1,2-Dibromoethane	485		50	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: 200-30727-B-1 MSD

Matrix: Water Lab File ID: UXX3080.D

Analysis Method: 8260C Date Collected: 11/11/2015 14:30

Sample wt/vol: 5(mL) Date Analyzed: 11/17/2015 15:57

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207096 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	84		80-120
1868-53-7	Dibromofluoromethane (Surr)	84		79-120
460-00-4	4-Bromofluorobenzene (Surr)	80		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57921-A-4-K MSD

Matrix: Solid | Lab File ID: 146591.D

Analysis Method: 8260C | Date Collected: 11/10/2015 00:00

Sample wt/vol: 5.24(g) | Date Analyzed: 11/19/2015 20:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.2		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.4		5.0	0.42
75-34-3	1,1-Dichloroethane	16.3		5.0	0.34
75-35-4	1,1-Dichloroethene	22.7		5.0	0.80
120-82-1	1,2,4-Trichlorobenzene	10.9		5.0	0.38
96-12-8	1,2-Dibromo-3-Chloropropane	5.77	J	10	2.7
95-50-1	1,2-Dichlorobenzene	13.2		5.0	0.34
107-06-2	1,2-Dichloroethane	17.9		5.0	0.46
78-87-5	1,2-Dichloropropane	15.8		5.0	0.14
541-73-1	1,3-Dichlorobenzene	12.7		5.0	0.69
106-46-7	1,4-Dichlorobenzene	11.8		5.0	0.28
78-93-3	2-Butanone (MEK)	28.6		20	1.1
591-78-6	2-Hexanone	28.2		20	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	27.1		20	1.2
67-64-1	Acetone	71.4		20	5.7
71-43-2	Benzene	16.5		5.0	0.90
75-25-2	Bromoform	13.5		5.0	0.24
74-83-9	Bromomethane	11.7		5.0	0.42
75-15-0	Carbon disulfide	15.5		5.0	0.59
56-23-5	Carbon tetrachloride	20.0		5.0	0.65
108-90-7	Chlorobenzene	14.9		5.0	0.53
124-48-1	Dibromochloromethane	13.5		5.0	0.37
75-00-3	Chloroethane	16.7		5.0	0.44
67-66-3	Chloroform	18.6		5.0	0.36
74-87-3	Chloromethane	12.1		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	17.6		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	9.38		5.0	0.71
75-71-8	Dichlorodifluoromethane	13.7		5.0	0.28
75-27-4	Bromodichloromethane	13.6		5.0	0.29
100-41-4	Ethylbenzene	15.4		5.0	0.32
98-82-8	Isopropylbenzene	15.4		5.0	0.20
1634-04-4	Methyl tert-butyl ether	17.2		5.0	0.43
75-09-2	Methylene Chloride	17.4		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	14.9		10	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57921-A-4-K MSD

Matrix: Solid | Lab File ID: 146591.D

Analysis Method: 8260C | Date Collected: 11/10/2015 00:00

Sample wt/vol: 5.24(g) | Date Analyzed: 11/19/2015 20:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 207560 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	15.7		5.0	0.57
100-42-5	Styrene	13.4		5.0	0.40
127-18-4	Tetrachloroethene	16.8		5.0	0.80
108-88-3	Toluene	16.7		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	17.6		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	11.4		5.0	0.29
79-01-6	Trichloroethene	32.5		5.0	0.38
75-69-4	Trichlorofluoromethane	19.5		5.0	0.29
75-01-4	Vinyl chloride	13.7		5.0	0.30
1330-20-7	Xylenes, Total	30.6		10	0.54
106-93-4	1,2-Dibromoethane	16.6		5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		67-125
1868-53-7	Dibromofluoromethane (Surr)	49		37-132
460-00-4	4-Bromofluorobenzene (Surr)	84		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57972-C-3-D MSD

Matrix: Solid | Lab File ID: UX80890.D

Analysis Method: 8260C | Date Collected: 11/16/2015 15:50

Sample wt/vol: 5.04(g) | Date Analyzed: 11/20/2015 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 | Level: (low/med) Low

Analysis Batch No.: 207720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	46.4		23	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	100		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		58-123

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/16/2015 09:00

Analysis Batch Number: 206893 End Date: 11/16/2015 19:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-206893/1		11/16/2015 09:00	1	BFB7317.D	DB-624 0.18(mm)
STD8260 240-206893/2 IC		11/16/2015 09:23	1	UXX3039.D	DB-624 0.18(mm)
STD8260 240-206893/3 IC		11/16/2015 09:45	1	UXX3040.D	DB-624 0.18(mm)
STD8260 240-206893/4 ICIS		11/16/2015 10:07	1	UXX3041.D	DB-624 0.18(mm)
STD8260 240-206893/5 IC		11/16/2015 10:29	1	UXX3042.D	DB-624 0.18(mm)
STD8260 240-206893/6 IC		11/16/2015 10:51	1	UXX3043.D	DB-624 0.18(mm)
STD8260 240-206893/7 IC		11/16/2015 11:13	1	UXX3044.D	DB-624 0.18(mm)
STD8260 240-206893/8 IC		11/16/2015 11:35	1	UXX3045.D	DB-624 0.18(mm)
ICV 240-206893/9		11/16/2015 11:57	1		DB-624 0.18(mm)
STDA9 240-206893/10 IC		11/16/2015 12:19	1	UXX3047.D	DB-624 0.18(mm)
STDA9 240-206893/11 IC		11/16/2015 12:43	1	UXX3048.D	DB-624 0.18(mm)
STDA9 240-206893/12 IC		11/16/2015 13:05	1	UXX3049.D	DB-624 0.18(mm)
STDA9 240-206893/13 IC		11/16/2015 13:27	1	UXX3050.D	DB-624 0.18(mm)
STDA9 240-206893/14 IC		11/16/2015 13:49	1	UXX3051.D	DB-624 0.18(mm)
STDA9 240-206893/15 IC		11/16/2015 14:10	1	UXX3052.D	DB-624 0.18(mm)
ICV 240-206893/16		11/16/2015 14:33	1	UXX3053.D	DB-624 0.18(mm)
ZZZZZ		11/16/2015 15:43	1		DB-624 0.18(mm)
ZZZZZ		11/16/2015 16:27	1		DB-624 0.18(mm)
ZZZZZ		11/16/2015 16:49	1		DB-624 0.18(mm)
ZZZZZ		11/16/2015 17:11	1		DB-624 0.18(mm)
240-57093-A-1 MDLV		11/16/2015 17:33	1		DB-624 0.18(mm)
240-57093-A-1 MDLV		11/16/2015 17:56	1		DB-624 0.18(mm)
240-57093-A-1 MDLV		11/16/2015 18:18	1		DB-624 0.18(mm)
240-57093-A-1 MDLV		11/16/2015 18:39	1		DB-624 0.18(mm)
240-57093-A-1 MDLV		11/16/2015 19:02	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/17/2015 10:26

Analysis Batch Number: 207096 End Date: 11/17/2015 15:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-207096/1		11/17/2015 10:26	1	BFB7318.D	DB-624 0.18(mm)
CCVIS 240-207096/2		11/17/2015 10:50	1	UXX3066.D	DB-624 0.18(mm)
CCV 240-207096/3		11/17/2015 11:11	1	UXX3067.D	DB-624 0.18(mm)
LCS 240-207096/4		11/17/2015 11:34	1	UXX3068.D	DB-624 0.18(mm)
ZZZZZ		11/17/2015 11:56	1		DB-624 0.18(mm)
MB 240-207096/6		11/17/2015 12:17	1	UXX3070.D	DB-624 0.18(mm)
ZZZZZ		11/17/2015 12:39	50		DB-624 0.18(mm)
ZZZZZ		11/17/2015 13:23	1		DB-624 0.18(mm)
ZZZZZ		11/17/2015 13:45	1		DB-624 0.18(mm)
ZZZZZ		11/17/2015 14:07	1		DB-624 0.18(mm)
ZZZZZ		11/17/2015 14:29	1		DB-624 0.18(mm)
240-57930-12	TB-111315	11/17/2015 14:51	1	UXX3077.D	DB-624 0.18(mm)
200-30727-B-1 MS		11/17/2015 15:35	50	UXX3079.D	DB-624 0.18(mm)
200-30727-B-1 MSD		11/17/2015 15:57	50	UXX3080.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX14 Start Date: 08/13/2015 13:54

Analysis Batch Number: 193150 End Date: 08/13/2015 23:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-193150/28		08/13/2015 13:54	1	BFB14045.D	DB-624 0.18(mm)
IC 240-193150/3		08/13/2015 14:36	1		DB-624 0.18(mm)
IC 240-193150/4		08/13/2015 14:58	1		DB-624 0.18(mm)
IC 240-193150/5		08/13/2015 15:20	1		DB-624 0.18(mm)
ICIS 240-193150/6		08/13/2015 15:41	1		DB-624 0.18(mm)
IC 240-193150/7		08/13/2015 16:03	1		DB-624 0.18(mm)
IC 240-193150/8		08/13/2015 16:24	1		DB-624 0.18(mm)
IC 240-193150/9		08/13/2015 16:45	1		DB-624 0.18(mm)
IC 240-193150/10		08/13/2015 17:07	1		DB-624 0.18(mm)
IC 240-193150/11		08/13/2015 17:28	1		DB-624 0.18(mm)
IC 240-193150/12		08/13/2015 17:50	1	144576.D	DB-624 0.18(mm)
IC 240-193150/13		08/13/2015 18:11	1	144577.D	DB-624 0.18(mm)
IC 240-193150/14		08/13/2015 18:33	1	144578.D	DB-624 0.18(mm)
IC 240-193150/15		08/13/2015 18:54	1	144579.D	DB-624 0.18(mm)
IC 240-193150/16		08/13/2015 19:16	1	144580.D	DB-624 0.18(mm)
IC 240-193150/17		08/13/2015 19:37	1	144581.D	DB-624 0.18(mm)
IC 240-193150/18		08/13/2015 19:59	1	144582.D	DB-624 0.18(mm)
IC 240-193150/19		08/13/2015 20:20	1	144583.D	DB-624 0.18(mm)
IC 240-193150/20		08/13/2015 20:42	1	144584.D	DB-624 0.18(mm)
ICV 240-193150/21		08/13/2015 21:03	1		DB-624 0.18(mm)
ICV 240-193150/22		08/13/2015 21:25	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 21:46	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:08	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:29	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 22:50	1		DB-624 0.18(mm)
ZZZZZ		08/13/2015 23:12	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX14 Start Date: 09/02/2015 13:49

Analysis Batch Number: 196026 End Date: 09/02/2015 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-196026/1		09/02/2015 13:49	1	BFB14070.D	DB-624 0.18(mm)
IC 240-196026/3		09/02/2015 14:32	1	144935.D	DB-624 0.18(mm)
IC 240-196026/4		09/02/2015 14:54	1	144936.D	DB-624 0.18(mm)
IC 240-196026/5		09/02/2015 15:15	1	144937.D	DB-624 0.18(mm)
ICIS 240-196026/6		09/02/2015 15:37	1	144938.D	DB-624 0.18(mm)
IC 240-196026/7		09/02/2015 15:58	1	144939.D	DB-624 0.18(mm)
IC 240-196026/8		09/02/2015 16:20	1	144940.D	DB-624 0.18(mm)
IC 240-196026/9		09/02/2015 16:41	1	144941.D	DB-624 0.18(mm)
IC 240-196026/10		09/02/2015 17:03	1	144942.D	DB-624 0.18(mm)
IC 240-196026/11		09/02/2015 17:24	1	144943.D	DB-624 0.18(mm)
CCV 240-196026/12		09/02/2015 17:46	1		DB-624 0.18(mm)
ICV 240-196026/13		09/02/2015 18:07	1	144945.D	DB-624 0.18(mm)
ZZZZZ		09/02/2015 18:29	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 18:50	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 19:12	1		DB-624 0.18(mm)
ZZZZZ		09/02/2015 19:33	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/18/2015 10:30

Analysis Batch Number: 207343 End Date: 11/18/2015 21:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-207343/1		11/18/2015 10:30	1	BFB14134.D	DB-624 0.18(mm)
CCVIS 240-207343/3		11/18/2015 11:15	1	146532.D	DB-624 0.18(mm)
CCV 240-207343/4		11/18/2015 11:37	1	146533.D	DB-624 0.18(mm)
LCS 240-207343/5		11/18/2015 11:58	1	146534.D	DB-624 0.18(mm)
MB 240-207343/6		11/18/2015 12:20	1	146535.D	DB-624 0.18(mm)
LCS 240-207343/7		11/18/2015 12:41	1	146536.D	DB-624 0.18(mm)
ZZZZZ		11/18/2015 13:03	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 13:24	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 13:45	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 14:07	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 15:33	1		DB-624 0.18(mm)
240-57930-1	F-VS-UST-P-1	11/18/2015 18:03	1	146551.D	DB-624 0.18(mm)
240-57930-3	F-VS-UST-P-3	11/18/2015 18:25	1	146552.D	DB-624 0.18(mm)
240-57930-5	F-VB-UST-P-1	11/18/2015 19:51	1	146556.D	DB-624 0.18(mm)
240-57930-6	F-VB-UST-P-2	11/18/2015 20:12	1	146557.D	DB-624 0.18(mm)
240-57930-7	F-VB-UST-P-3	11/18/2015 20:33	1	146558.D	DB-624 0.18(mm)
240-57930-8	F-VB-UST-P-4	11/18/2015 20:55	1	146559.D	DB-624 0.18(mm)
240-57930-9	F-VB-UST-P-5	11/18/2015 21:16	1	146560.D	DB-624 0.18(mm)
240-57930-10	F-VB-UST-P-6	11/18/2015 21:38	1	146561.D	DB-624 0.18(mm)
240-57930-11	F-VS-UST-P-DUP	11/18/2015 21:59	1	146562.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/19/2015 10:42

Analysis Batch Number: 207560 End Date: 11/19/2015 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-207560/11		11/19/2015 10:42	1	BFB14136.D	DB-624 0.18(mm)
CCVIS 240-207560/3		11/19/2015 11:25	1	146565.D	DB-624 0.18(mm)
CCV 240-207560/4		11/19/2015 11:46	1	146566.D	DB-624 0.18(mm)
LCS 240-207560/5		11/19/2015 12:08	1	146567.D	DB-624 0.18(mm)
MB 240-207560/6		11/19/2015 12:29	1	146568.D	DB-624 0.18(mm)
LCS 240-207560/7		11/19/2015 12:51	1	146569.D	DB-624 0.18(mm)
ZZZZZ		11/19/2015 13:12	1		DB-624 0.18(mm)
ZZZZZ		11/19/2015 13:34	1		DB-624 0.18(mm)
ZZZZZ		11/19/2015 16:47	1		DB-624 0.18(mm)
240-57930-4	F-VS-UST-P-4	11/19/2015 17:08	1	146581.D	DB-624 0.18(mm)
240-57930-2	F-VS-UST-P-2	11/19/2015 17:52	1	146583.D	DB-624 0.18(mm)
240-57930-2	F-VS-UST-P-2	11/19/2015 18:13	1	146584.D	DB-624 0.18(mm)
ZZZZZ		11/19/2015 20:00	1		DB-624 0.18(mm)
240-57921-A-4-J MS		11/19/2015 20:22	1	146590.D	DB-624 0.18(mm)
240-57921-A-4-K MSD		11/19/2015 20:43	1	146591.D	DB-624 0.18(mm)
ZZZZZ		11/19/2015 21:48	1		DB-624 0.18(mm)
ZZZZZ		11/19/2015 22:09	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX8 Start Date: 07/15/2015 00:55

Analysis Batch Number: 189147 End Date: 07/15/2015 10:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-189147/1		07/15/2015 00:55	1	BFB8851.D	DB-624 0.18(mm)
CCVIS 240-189147/3		07/15/2015 01:30	1		DB-624 0.18(mm)
STDA9 240-189147/4 IC		07/15/2015 01:51	1	UX88545.D	DB-624 0.18(mm)
STDA9 240-189147/5 IC		07/15/2015 02:12	1	UX88546.D	DB-624 0.18(mm)
STDA9 240-189147/6 IC		07/15/2015 02:34	1	UX88547.D	DB-624 0.18(mm)
STDA9 240-189147/7 IC		07/15/2015 02:55	1	UX88548.D	DB-624 0.18(mm)
STDA9 240-189147/8 IC		07/15/2015 03:16	1	UX88549.D	DB-624 0.18(mm)
STDA9 240-189147/9 IC		07/15/2015 03:38	1	UX88550.D	DB-624 0.18(mm)
ICV 240-189147/10		07/15/2015 03:59	1		DB-624 0.18(mm)
ZZZZZ		07/15/2015 04:20	1		DB-624 0.18(mm)
ZZZZZ		07/15/2015 05:03	1		DB-624 0.18(mm)
ZZZZZ		07/15/2015 09:40	1		DB-624 0.18(mm)
ZZZZZ		07/15/2015 10:01	1		DB-624 0.18(mm)
ZZZZZ		07/15/2015 10:22	12.5		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX8 Start Date: 07/30/2015 02:03

Analysis Batch Number: 191232 End Date: 07/30/2015 06:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-191232/1		07/30/2015 02:03	1	BFB8863.D	DB-624 0.18(mm)
STD8260 240-191232/3 IC		07/30/2015 02:35	1	UX88718.D	DB-624 0.18(mm)
STD8260 240-191232/4 IC		07/30/2015 02:56	1	UX88719.D	DB-624 0.18(mm)
STD8260 240-191232/5 IC		07/30/2015 03:17	1	UX88720.D	DB-624 0.18(mm)
ICIS 240-191232/6		07/30/2015 03:39	1	UX88721.D	DB-624 0.18(mm)
STD8260 240-191232/7 IC		07/30/2015 04:00	1	UX88722.D	DB-624 0.18(mm)
STD8260 240-191232/8 IC		07/30/2015 04:21	1	UX88723.D	DB-624 0.18(mm)
STD8260 240-191232/9 IC		07/30/2015 04:42	1	UX88724.D	DB-624 0.18(mm)
STD8260 240-191232/10 IC		07/30/2015 05:04	1	UX88725.D	DB-624 0.18(mm)
ICV 240-191232/13		07/30/2015 06:07	1		DB-624 0.18(mm)
ZZZZZ		07/30/2015 06:29	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX8 Start Date: 11/17/2015 03:23

Analysis Batch Number: 206828 End Date: 11/17/2015 07:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-206828/1		11/17/2015 03:23	1	BFB8945.D	DB-624 0.18(mm)
STD8260 240-206828/3 IC		11/17/2015 03:57	1	UX80794.D	DB-624 0.18(mm)
STD8260 240-206828/4 IC		11/17/2015 04:18	1	UX80795.D	DB-624 0.18(mm)
STD8260 240-206828/5 IC		11/17/2015 04:39	1	UX80796.D	DB-624 0.18(mm)
ICIS 240-206828/6		11/17/2015 05:01	1	UX80797.D	DB-624 0.18(mm)
STD8260 240-206828/7 IC		11/17/2015 05:34	1	UX80798.D	DB-624 0.18(mm)
STD8260 240-206828/8 IC		11/17/2015 05:55	1	UX80799.D	DB-624 0.18(mm)
STD8260 240-206828/9 IC		11/17/2015 06:16	1	UX80800.D	DB-624 0.18(mm)
STD8260 240-206828/10 IC		11/17/2015 06:38	1	UX80801.D	DB-624 0.18(mm)
ICV 240-206828/11		11/17/2015 06:59	1	UX80802.D	DB-624 0.18(mm)
ZZZZZ		11/17/2015 07:41	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A3UX8 Start Date: 11/20/2015 03:12

Analysis Batch Number: 207720 End Date: 11/20/2015 10:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-207720/1		11/20/2015 03:12	1	BFB8948.D	DB-624 0.18(mm)
CCVIS 240-207720/4		11/20/2015 03:43	1	UX80875.D	DB-624 0.18(mm)
CCV 240-207720/5		11/20/2015 04:04	1	UX80876.D	DB-624 0.18(mm)
LCS 240-207720/6		11/20/2015 04:26	1	UX80877.D	DB-624 0.18(mm)
ZZZZZ		11/20/2015 04:47	1		DB-624 0.18(mm)
MB 240-207720/8		11/20/2015 05:08	1	UX80879.D	DB-624 0.18(mm)
ZZZZZ		11/20/2015 06:55	1		DB-624 0.18(mm)
ZZZZZ		11/20/2015 07:16	1		DB-624 0.18(mm)
ZZZZZ		11/20/2015 07:37	1		DB-624 0.18(mm)
ZZZZZ		11/20/2015 07:59	1		DB-624 0.18(mm)
ZZZZZ		11/20/2015 08:20	1		DB-624 0.18(mm)
240-57972-C-3-C MS		11/20/2015 08:41	1	UX80889.D	DB-624 0.18(mm)
240-57972-C-3-D MSD		11/20/2015 09:02	1	UX80890.D	DB-624 0.18(mm)
ZZZZZ		11/20/2015 09:24	1		DB-624 0.18(mm)
240-57930-2	F-VS-UST-P-2	11/20/2015 10:06	1	UX80893.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207393 Batch Start Date: 11/18/15 12:27 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-57930-B-1	F-VS-UST-P-1	5030C, 8260C	T	5.18 g	5 mL				
240-57930-B-3	F-VS-UST-P-3	5030C, 8260C	T	5.55 g	5 mL				
240-57930-B-5	F-VB-UST-P-1	5030C, 8260C	T	5.06 g	5 mL				
240-57930-B-6	F-VB-UST-P-2	5030C, 8260C	T	5.31 g	5 mL				
240-57930-B-7	F-VB-UST-P-3	5030C, 8260C	T	5.29 g	5 mL				
240-57930-B-8	F-VB-UST-P-4	5030C, 8260C	T	5.55 g	5 mL				
240-57930-B-9	F-VB-UST-P-5	5030C, 8260C	T	5.55 g	5 mL				
240-57930-B-10	F-VB-UST-P-6	5030C, 8260C	T	5.10 g	5 mL				
240-57930-B-11	F-VS-UST-P-DUP	5030C, 8260C	T	5.73 g	5 mL				

Batch Notes	
Balance ID	b050
Blank Soil Lot Number	148757

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207613 Batch Start Date: 11/19/15 13:00 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-57930-B-2	F-VS-UST-P-2	5030C, 8260C	T	5.74 g	5 mL				
240-57930-B-2	F-VS-UST-P-2	5030C, 8260C	T	5.09 g	5 mL				
240-57930-B-4	F-VS-UST-P-4	5030C, 8260C	T	5.24 g	5 mL				
240-57921-A-4-B MS		5030C, 8260C	T	5.16 g	5 mL				
240-57921-A-4-B MSD		5030C, 8260C	T	5.24 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207709 Batch Start Date: 11/20/15 04:52 Batch Analyst: Lata, Todd

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-57972-C-3 MS		5030C, 8260C	T	5.28 g	5 mL				
240-57972-C-3 MSD		5030C, 8260C	T	5.04 g	5 mL				
240-57930-B-2	F-VS-UST-P-2	5030C, 8260C	T	5.61 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270D

Semivolatile Organic Compounds (GC/MS) by Method 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
F-VS-UST-P-1	240-57930-1	43	44	42	44	39	44
F-VS-UST-P-2	240-57930-2	72	72	68	72	58	76
F-VS-UST-P-3	240-57930-3	80	82	71	77	65	76
F-VS-UST-P-4	240-57930-4	66	67	62	66	56	69
F-VB-UST-P-1	240-57930-5	78	80	70	79	56	86
F-VB-UST-P-2	240-57930-6	68	68	64	67	55	68
F-VB-UST-P-3	240-57930-7	66	67	59	63	40	66
F-VB-UST-P-4	240-57930-8	73	75	66	71	54	74
F-VB-UST-P-5	240-57930-9	68	69	60	67	41	73
F-VB-UST-P-6	240-57930-10	68	69	61	66	53	70
F-VS-UST-P-DUP	240-57930-11	68	68	65	66	62	66
	MB 240-206887/23-A	65	72	67	74	43	77
	MB 240-206908/21-A	70	73	67	70	30	74
	LCS 240-206887/24-A	80	80	73	77	69	78
	LCS 240-206908/22-A	70	71	70	70	42	71
F-VB-UST-P-1 MS	240-57930-5 MS	78	78	73	74	72	76
F-VB-UST-P-1 MSD	240-57930-5 MSD	73	74	71	72	64	75

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119008.D

Lab ID: LCS 240-206887/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	486	73	35-110	
bis (2-chloroisopropyl) ether	667	490	73	29-110	
2,4,5-Trichlorophenol	667	484	73	25-110	
2,4,6-Trichlorophenol	667	468	70	12-110	
2,4-Dichlorophenol	667	499	75	39-110	
2,4-Dimethylphenol	667	428	64	29-110	
2,4-Dinitrophenol	1330	583	44	10-110	
2,4-Dinitrotoluene	667	537	81	48-110	
2,6-Dinitrotoluene	667	539	81	45-110	
2-Chloronaphthalene	667	491	74	32-110	
2-Chlorophenol	667	509	76	37-110	
2-Methylnaphthalene	667	503	75	36-110	
2-Methylphenol	667	500	75	41-110	
2-Nitroaniline	667	507	76	45-110	
2-Nitrophenol	667	509	76	34-110	
3,3'-Dichlorobenzidine	1330	770	58	28-110	
3-Nitroaniline	667	450	68	44-110	
4,6-Dinitro-2-methylphenol	1330	727	55	10-110	
4-Bromophenyl phenyl ether	667	539	81	39-110	
4-Chloro-3-methylphenol	667	518	78	48-110	
4-Chloroaniline	667	358	54	30-110	
4-Chlorophenyl phenyl ether	667	513	77	40-110	
4-Nitroaniline	667	534	80	48-110	
4-Nitrophenol	1330	929	70	28-110	
Acenaphthene	667	487	73	38-110	
Acenaphthylene	667	498	75	40-110	
Acetophenone	667	491	74	40-110	
Anthracene	667	510	77	48-110	
Atrazine	1330	1060	79	54-120	
Benzaldehyde	1330	1010	76	32-110	
Benzo[a]anthracene	667	517	78	50-110	
Benzo[a]pyrene	667	509	76	44-110	
Benzo[b]fluoranthene	667	509	76	43-110	
Benzo[g,h,i]perylene	667	518	78	51-110	
Benzo[k]fluoranthene	667	530	79	38-105	
Bis(2-chloroethoxy)methane	667	526	79	32-110	
Bis(2-chloroethyl)ether	667	515	77	34-110	
Bis(2-ethylhexyl) phthalate	667	607	91	50-110	
Butyl benzyl phthalate	667	545	82	51-110	
Caprolactam	1330	1100	82	44-114	
Carbazole	667	530	80	50-110	
Chrysene	667	538	81	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119008.D

Lab ID: LCS 240-206887/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	504	76	51-110	
Dibenzofuran	667	499	75	43-110	
Diethyl phthalate	667	544	82	52-110	
Dimethyl phthalate	667	523	79	50-110	
Di-n-butyl phthalate	667	549	82	51-110	
Di-n-octyl phthalate	667	515	77	48-110	
Fluoranthene	667	528	79	51-110	
Fluorene	667	491	74	46-110	
Hexachlorobenzene	667	518	78	43-110	
Hexachlorobutadiene	667	490	73	29-110	
Hexachlorocyclopentadiene	667	320 J	48	12-110	
Hexachloroethane	667	473	71	30-110	
Indeno[1,2,3-cd]pyrene	667	515	77	50-110	
Isophorone	667	527	79	36-110	
N-Nitrosodi-n-propylamine	667	513	77	38-110	
N-Nitrosodiphenylamine	1330	1030	77	46-110	
Naphthalene	667	505	76	36-110	
Nitrobenzene	667	508	76	32-110	
Pentachlorophenol	1330	665	50	10-110	
Phenanthrene	667	516	77	49-110	
Phenol	667	509	76	38-110	
Pyrene	667	507	76	49-110	
3 & 4 Methylphenol	667	501	75	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51118004.D

Lab ID: LCS 240-206908/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	442	66	35-110	
bis (2-chloroisopropyl) ether	667	446	67	29-110	
2,4,5-Trichlorophenol	667	387	58	25-110	
2,4,6-Trichlorophenol	667	286	43	12-110	
2,4-Dichlorophenol	667	461	69	39-110	
2,4-Dimethylphenol	667	467	70	29-110	
2,4-Dinitrophenol	1330	611	46	10-110	
2,4-Dinitrotoluene	667	488	73	48-110	
2,6-Dinitrotoluene	667	480	72	45-110	
2-Chloronaphthalene	667	463	69	32-110	
2-Chlorophenol	667	445	67	37-110	
2-Methylnaphthalene	667	458	69	36-110	
2-Methylphenol	667	453	68	41-110	
2-Nitroaniline	667	485	73	45-110	
2-Nitrophenol	667	461	69	34-110	
3,3'-Dichlorobenzidine	1330	732	55	28-110	
3-Nitroaniline	667	432	65	44-110	
4,6-Dinitro-2-methylphenol	1330	779	58	10-110	
4-Bromophenyl phenyl ether	667	488	73	39-110	
4-Chloro-3-methylphenol	667	474	71	48-110	
4-Chloroaniline	667	349	52	30-110	
4-Chlorophenyl phenyl ether	667	467	70	40-110	
4-Nitroaniline	667	503	75	48-110	
4-Nitrophenol	1330	881	66	28-110	
Acenaphthene	667	464	70	38-110	
Acenaphthylene	667	462	69	40-110	
Acetophenone	667	438	66	40-110	
Anthracene	667	471	71	48-110	
Atrazine	1330	971	73	54-120	
Benzaldehyde	1330	909	68	32-110	
Benzo[a]anthracene	667	466	70	50-110	
Benzo[a]pyrene	667	466	70	44-110	
Benzo[b]fluoranthene	667	452	68	43-110	
Benzo[g,h,i]perylene	667	476	71	51-110	
Benzo[k]fluoranthene	667	469	70	38-105	
Bis(2-chloroethoxy)methane	667	486	73	32-110	
Bis(2-chloroethyl)ether	667	453	68	34-110	
Bis(2-ethylhexyl) phthalate	667	704	106	50-110	
Butyl benzyl phthalate	667	489	73	51-110	
Caprolactam	1330	1050	79	44-114	
Carbazole	667	488	73	50-110	
Chrysene	667	495	74	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51118004.D

Lab ID: LCS 240-206908/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	469	70	51-110	
Dibenzofuran	667	464	70	43-110	
Diethyl phthalate	667	490	73	52-110	
Dimethyl phthalate	667	479	72	50-110	
Di-n-butyl phthalate	667	489	73	51-110	
Di-n-octyl phthalate	667	445	67	48-110	
Fluoranthene	667	473	71	51-110	
Fluorene	667	454	68	46-110	
Hexachlorobenzene	667	477	72	43-110	
Hexachlorobutadiene	667	447	67	29-110	
Hexachlorocyclopentadiene	667	397	60	12-110	
Hexachloroethane	667	418	63	30-110	
Indeno[1,2,3-cd]pyrene	667	477	72	50-110	
Isophorone	667	478	72	36-110	
N-Nitrosodi-n-propylamine	667	451	68	38-110	
N-Nitrosodiphenylamine	1330	946	71	46-110	
Naphthalene	667	462	69	36-110	
Nitrobenzene	667	467	70	32-110	
Pentachlorophenol	1330	669	50	10-110	
Phenanthrene	667	471	71	49-110	
Phenol	667	456	68	38-110	
Pyrene	667	475	71	49-110	
3 & 4 Methylphenol	667	448	67	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119015.D

Lab ID: 240-57930-5 MS Client ID: F-VB-UST-P-1 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	786	4.1 U	547	70	32-110	
bis (2-chloroisopropyl) ether	786	11 U	561	71	11-110	
2,4,5-Trichlorophenol	786	29 U	554	70	10-117	
2,4,6-Trichlorophenol	786	10 U	543	69	10-110	
2,4-Dichlorophenol	786	23 U	567	72	10-110	
2,4-Dimethylphenol	786	23 U	554	71	10-110	
2,4-Dinitrophenol	1570	25 U	752	48	10-110	
2,4-Dinitrotoluene	786	20 U	582	74	32-110	
2,6-Dinitrotoluene	786	25 U	567	72	35-110	
2-Chloronaphthalene	786	0.53 U	547	70	28-110	
2-Chlorophenol	786	9.6 U	587	75	10-110	
2-Methylnaphthalene	786	0.59 U	564	72	10-133	
2-Methylphenol	786	13 U	587	75	24-110	
2-Nitroaniline	786	11 U	558	71	39-110	
2-Nitrophenol	786	9.7 U	553	70	10-110	
3,3'-Dichlorobenzidine	1570	21 U	856	54	10-110	
3-Nitroaniline	786	19 U	491	63	10-110	
4,6-Dinitro-2-methylphenol	1570	11 U	856	54	10-110	
4-Bromophenyl phenyl ether	786	15 U	597	76	33-110	
4-Chloro-3-methylphenol	786	25 U	598	76	25-110	
4-Chloroaniline	786	20 U	401	51	10-110	
4-Chlorophenyl phenyl ether	786	15 U	567	72	32-110	
4-Nitroaniline	786	30 U	510	65	10-110	
4-Nitrophenol	1570	20 U	1030	65	10-113	
Acenaphthene	786	0.89 U	557	71	22-110	
Acenaphthylene	786	0.41 U	562	71	24-110	
Acetophenone	786	11 U	559	71	31-110	
Anthracene	786	0.91 U	552	70	20-110	
Atrazine	1570	11 U	1150	73	45-118	
Benzaldehyde	1570	14 U	1160	74	23-110	
Benzo[a]anthracene	786	0.74 U	567	72	10-122	
Benzo[a]pyrene	786	0.75 U	564	72	10-110	
Benzo[b]fluoranthene	786	0.69 U	560	71	12-118	
Benzo[g,h,i]perylene	786	0.41 U	561	71	10-117	
Benzo[k]fluoranthene	786	0.80 U	576	73	10-121	
Bis(2-chloroethoxy)methane	786	26 U	605	77	26-110	
Bis(2-chloroethyl)ether	786	2.3 U	593	75	21-110	
Bis(2-ethylhexyl) phthalate	786	25 J	613	75	40-110	
Butyl benzyl phthalate	786	12 U	601	77	44-110	
Caprolactam	1570	43 U	1300	83	10-134	
Carbazole	786	32 U	537	68	34-110	
Chrysene	786	1.3 U	586	75	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119015.D

Lab ID: 240-57930-5 MS Client ID: F-VB-UST-P-1 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	786	0.77 U	564	72	14-113	
Dibenzofuran	786	0.77 U	562	71	29-110	
Diethyl phthalate	786	19 U	591	75	42-110	
Dimethyl phthalate	786	20 U	575	73	41-110	
Di-n-butyl phthalate	786	18 U	585	74	43-110	
Di-n-octyl phthalate	786	9.3 U	570	73	24-119	
Fluoranthene	786	0.64 U	574	73	10-110	
Fluorene	786	0.62 U	553	70	23-110	
Hexachlorobenzene	786	2.5 U	551	70	34-110	
Hexachlorobutadiene	786	6.6 U	543	69	25-110	
Hexachlorocyclopentadiene	786	9.5 U	315 J	40	10-110	
Hexachloroethane	786	11 U	519	66	12-110	
Indeno[1,2,3-cd]pyrene	786	0.41 U	558	71	10-114	
Isophorone	786	15 U	596	76	29-110	
N-Nitrosodi-n-propylamine	786	7.4 U	570	72	26-110	
N-Nitrosodiphenylamine	1570	25 U	1140	72	22-110	
Naphthalene	786	0.96 U	563	72	10-111	
Nitrobenzene	786	2.6 U	571	73	23-110	
Pentachlorophenol	1570	11 U	863	55	10-110	
Phenanthrene	786	0.86 U	560	71	10-166	
Phenol	786	8.6 U	583	74	17-110	
Pyrene	786	0.52 U	579	74	10-147	
3 & 4 Methylphenol	786	23 U	578	74	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119016.D

Lab ID: 240-57930-5 MSD Client ID: F-VB-UST-P-1 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	791	534	67	3	32	32-110	
bis (2-chloroisopropyl) ether	791	534	68	5	42	11-110	
2,4,5-Trichlorophenol	791	553	70	0	99	10-117	
2,4,6-Trichlorophenol	791	506	64	7	38	10-110	
2,4-Dichlorophenol	791	568	72	0	34	10-110	
2,4-Dimethylphenol	791	535	68	4	31	10-110	
2,4-Dinitrophenol	1580	741	47	1	99	10-110	
2,4-Dinitrotoluene	791	593	75	2	30	32-110	
2,6-Dinitrotoluene	791	567	72	0	30	35-110	
2-Chloronaphthalene	791	545	69	0	30	28-110	
2-Chlorophenol	791	546	69	7	47	10-110	
2-Methylnaphthalene	791	568	72	1	42	10-133	
2-Methylphenol	791	554	70	6	51	24-110	
2-Nitroaniline	791	568	72	2	31	39-110	
2-Nitrophenol	791	555	70	0	49	10-110	
3,3'-Dichlorobenzidine	1580	899	57	5	56	10-110	
3-Nitroaniline	791	483	61	2	30	10-110	
4,6-Dinitro-2-methylphenol	1580	875	55	2	55	10-110	
4-Bromophenyl phenyl ether	791	593	75	1	30	33-110	
4-Chloro-3-methylphenol	791	579	73	3	54	25-110	
4-Chloroaniline	791	419	53	4	36	10-110	
4-Chlorophenyl phenyl ether	791	571	72	1	30	32-110	
4-Nitroaniline	791	524	66	3	48	10-110	
4-Nitrophenol	1580	1020	64	1	49	10-113	
Acenaphthene	791	542	69	3	99	22-110	
Acenaphthylene	791	552	70	2	99	24-110	
Acetophenone	791	538	68	4	43	31-110	
Anthracene	791	564	71	2	99	20-110	
Atrazine	1580	1190	75	4	30	45-118	
Benzaldehyde	1580	1100	69	5	42	23-110	
Benzo[a]anthracene	791	580	73	2	99	10-122	
Benzo[a]pyrene	791	588	74	4	99	10-110	
Benzo[b]fluoranthene	791	575	73	3	99	12-118	
Benzo[g,h,i]perylene	791	571	72	2	99	10-117	
Benzo[k]fluoranthene	791	598	76	4	99	10-121	
Bis(2-chloroethoxy)methane	791	594	75	2	37	26-110	
Bis(2-chloroethyl)ether	791	564	71	5	55	21-110	
Bis(2-ethylhexyl) phthalate	791	627	76	2	30	40-110	
Butyl benzyl phthalate	791	617	78	3	30	44-110	
Caprolactam	1580	1320	83	1	32	10-134	
Carbazole	791	545	69	1	30	34-110	
Chrysene	791	608	77	4	99	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51119016.D

Lab ID: 240-57930-5 MSD Client ID: F-VB-UST-P-1 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibenz(a,h)anthracene	791	575	73	2	99	14-113	
Dibenzofuran	791	552	70	2	30	29-110	
Diethyl phthalate	791	590	75	0	30	42-110	
Dimethyl phthalate	791	576	73	0	30	41-110	
Di-n-butyl phthalate	791	593	75	1	30	43-110	
Di-n-octyl phthalate	791	592	75	4	30	24-119	
Fluoranthene	791	578	73	1	99	10-110	
Fluorene	791	545	69	1	99	23-110	
Hexachlorobenzene	791	562	71	2	30	34-110	
Hexachlorobutadiene	791	548	69	1	34	25-110	
Hexachlorocyclopentadiene	791	238 J	30	28	79	10-110	
Hexachloroethane	791	485	61	7	50	12-110	
Indeno[1,2,3-cd]pyrene	791	579	73	4	99	10-114	
Isophorone	791	586	74	2	38	29-110	
N-Nitrosodi-n-propylamine	791	540	68	5	42	26-110	
N-Nitrosodiphenylamine	1580	1130	71	1	30	22-110	
Naphthalene	791	559	71	1	99	10-111	
Nitrobenzene	791	562	71	2	41	23-110	
Pentachlorophenol	1580	793	50	8	50	10-110	
Phenanthrene	791	567	72	1	99	10-166	
Phenol	791	554	70	5	53	17-110	
Pyrene	791	586	74	1	99	10-147	
3 & 4 Methylphenol	791	544	69	6	50	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 51119007.D Lab Sample ID: MB 240-206887/23-A

Matrix: Solid Date Extracted: 11/16/2015 08:48

Instrument ID: A4HP10 Date Analyzed: 11/19/2015 11:50

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206887/24-A	51119008.D	11/19/2015 12:13
F-VB-UST-P-2	240-57930-6	51119017.D	11/19/2015 15:48
F-VB-UST-P-3	240-57930-7	51119018.D	11/19/2015 16:12
F-VB-UST-P-4	240-57930-8	51119019.D	11/19/2015 16:36
F-VB-UST-P-5	240-57930-9	51119020.D	11/19/2015 17:00
F-VB-UST-P-6	240-57930-10	51119021.D	11/19/2015 17:23
F-VS-UST-P-DUP	240-57930-11	51119028.D	11/19/2015 20:10

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 51118003.D Lab Sample ID: MB 240-206908/21-A

Matrix: Solid Date Extracted: 11/16/2015 09:20

Instrument ID: A4HP10 Date Analyzed: 11/18/2015 08:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206908/22-A	51118004.D	11/18/2015 09:15
F-VB-UST-P-1	240-57930-5	51119014.D	11/19/2015 14:37
F-VB-UST-P-1 MS	240-57930-5 MS	51119015.D	11/19/2015 15:00
F-VB-UST-P-1 MSD	240-57930-5 MSD	51119016.D	11/19/2015 15:24
F-VS-UST-P-2	240-57930-2	51119026.D	11/19/2015 19:23
F-VS-UST-P-1	240-57930-1	51119027.D	11/19/2015 19:46
F-VS-UST-P-4	240-57930-4	51119029.D	11/19/2015 20:34
F-VS-UST-P-3	240-57930-3	51119030.D	11/19/2015 20:57

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 51113001.D DFTPP Injection Date: 11/13/2015

Instrument ID: A4HP10 DFTPP Injection Time: 09:10

Analysis Batch No.: 206629

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	46.1	
68	Less than 2.0% of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	37.7	
70	Less than 2.0% of mass 69	0.2	(0.5) 1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	24.8	
365	Greater than 0.75% of mass 198	3.4	
441	Present, but less than mass 443	15.1	
442	40.0 - 110.0% of mass 198	92.2	
443	15.0 - 24.0% of mass 442	18.4	(20.0) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-206629/2	51113002.D	11/13/2015	09:35
	STD4 240-206629/3	51113003.D	11/13/2015	09:59
	STD3 240-206629/4	51113004.D	11/13/2015	10:23
	STD2 240-206629/5	51113005.D	11/13/2015	10:48
	STD1 240-206629/6	51113006.D	11/13/2015	11:12
	STD8 240-206629/8	51113008.D	11/13/2015	12:00
	STD7 240-206629/9	51113009.D	11/13/2015	12:24
	STD6 240-206629/10	51113010.D	11/13/2015	12:48
	ICV 240-206629/11	51113011.D	11/13/2015	13:12
	STD9 240-206629/12	51113012.D	11/13/2015	13:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 51118001.D DFTPP Injection Date: 11/18/2015

Instrument ID: A4HP10 DFTPP Injection Time: 08:03

Analysis Batch No.: 207287

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	44.6	
68	Less than 2.0% of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	37.3	
70	Less than 2.0% of mass 69	0.2	(0.5) 1
127	25.0 - 75.0% of mass 198	52.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	24.6	
365	Greater than 0.75% of mass 198	3.4	
441	Present, but less than mass 443	15.8	
442	40.0 - 110.0% of mass 198	96.1	
443	15.0 - 24.0% of mass 442	19.1	(19.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-207287/2	51118002.D	11/18/2015	08:26
	MB 240-206908/21-A	51118003.D	11/18/2015	08:51
	LCS 240-206908/22-A	51118004.D	11/18/2015	09:15

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab File ID: 51119001.D DFTPP Injection Date: 11/19/2015

Instrument ID: A4HP10 DFTPP Injection Time: 09:29

Analysis Batch No.: 207541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	42.9	
68	Less than 2.0% of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	36.7	
70	Less than 2.0% of mass 69	0.2	(0.5) 1
127	25.0 - 75.0% of mass 198	52.5	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0- 30.0% of mass 198	25.0	
365	Greater than 0.75% of mass 198	3.6	
441	Present, but less than mass 443	17.1	
442	40.0 - 110.0% of mass 198	100.0	
443	15.0 - 24.0% of mass 442	19.5	(19.5) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-207541/2	51119002.D	11/19/2015	09:50
	MB 240-206887/23-A	51119007.D	11/19/2015	11:50
	LCS 240-206887/24-A	51119008.D	11/19/2015	12:13
F-VB-UST-P-1	240-57930-5	51119014.D	11/19/2015	14:37
F-VB-UST-P-1 MS	240-57930-5 MS	51119015.D	11/19/2015	15:00
F-VB-UST-P-1 MSD	240-57930-5 MSD	51119016.D	11/19/2015	15:24
F-VB-UST-P-2	240-57930-6	51119017.D	11/19/2015	15:48
F-VB-UST-P-3	240-57930-7	51119018.D	11/19/2015	16:12
F-VB-UST-P-4	240-57930-8	51119019.D	11/19/2015	16:36
F-VB-UST-P-5	240-57930-9	51119020.D	11/19/2015	17:00
F-VB-UST-P-6	240-57930-10	51119021.D	11/19/2015	17:23
F-VS-UST-P-2	240-57930-2	51119026.D	11/19/2015	19:23
F-VS-UST-P-1	240-57930-1	51119027.D	11/19/2015	19:46
F-VS-UST-P-DUP	240-57930-11	51119028.D	11/19/2015	20:10
F-VS-UST-P-4	240-57930-4	51119029.D	11/19/2015	20:34
F-VS-UST-P-3	240-57930-3	51119030.D	11/19/2015	20:57

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD6 240-206629/10 Date Analyzed: 11/13/2015 12:48

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51113010.D Heated Purge: (Y/N) N

Calibration ID: 31440

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		167224	6.09	697175	7.21	407101	8.71
UPPER LIMIT		334448	6.59	1394350	7.71	814202	9.21
LOWER LIMIT		83612	5.59	348588	6.71	203551	8.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-206629/11		190384	6.09	768772	7.21	440245	8.71
CCV 240-207287/2 CCVIS		159115	6.07	630914	7.19	366314	8.69
CCV 240-207541/2 CCVIS		161328	6.06	665148	7.18	388586	8.68

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD6 240-206629/10 Date Analyzed: 11/13/2015 12:48

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51113010.D Heated Purge: (Y/N) N

Calibration ID: 31440

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		626897	9.98	718468	12.61	611718	14.75
UPPER LIMIT		1253794	10.48	1436936	13.11	1223436	15.25
LOWER LIMIT		313449	9.48	359234	12.11	305859	14.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-206629/11		672676	9.98	777993	12.60	638595	14.75
CCV 240-207287/2 CCVIS		561626	9.95	660749	12.57	555821	14.70
CCV 240-207541/2 CCVIS		619847	9.94	722332	12.55	599867	14.67

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207287/2 Date Analyzed: 11/18/2015 08:26

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51118002.D Heated Purge: (Y/N) N

Calibration ID: 31440

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		159115	6.07	630914	7.19	366314	8.69
UPPER LIMIT		318230	6.57	1261828	7.69	732628	9.19
LOWER LIMIT		79558	5.57	315457	6.69	183157	8.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-206908/21-A		165580	6.08	667132	7.19	403782	8.69
LCS 240-206908/22-A		156476	6.08	616302	7.19	362629	8.69

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207287/2 Date Analyzed: 11/18/2015 08:26

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51118002.D Heated Purge: (Y/N) N

Calibration ID: 31440

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		561626	9.95	660749	12.57	555821	14.70
UPPER LIMIT		1123252	10.45	1321498	13.07	1111642	15.20
LOWER LIMIT		280813	9.45	330375	12.07	277911	14.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-206908/21-A		626122	9.95	709483	12.56	631387	14.70
LCS 240-206908/22-A		569523	9.95	655734	12.57	587170	14.70

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207541/2 Date Analyzed: 11/19/2015 09:50

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51119002.D Heated Purge: (Y/N) N

Calibration ID: 31440

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		161328	6.06	665148	7.18	388586	8.68
UPPER LIMIT		322656	6.56	1330296	7.68	777172	9.18
LOWER LIMIT		80664	5.56	332574	6.68	194293	8.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-206887/23-A		147780	6.06	619471	7.18	373431	8.67
LCS 240-206887/24-A		149366	6.06	615257	7.18	376589	8.67
240-57930-5	F-VB-UST-P-1	153611	6.06	619772	7.18	369895	8.67
240-57930-5 MS	F-VB-UST-P-1 MS	153372	6.06	637619	7.18	388418	8.67
240-57930-5 MSD	F-VB-UST-P-1 MSD	164720	6.06	658981	7.18	405255	8.67
240-57930-6	F-VB-UST-P-2	149551	6.06	598332	7.18	367668	8.67
240-57930-7	F-VB-UST-P-3	151252	6.06	629109	7.18	381483	8.67
240-57930-8	F-VB-UST-P-4	148845	6.06	621963	7.18	382651	8.67
240-57930-9	F-VB-UST-P-5	151439	6.06	625362	7.18	387308	8.67
240-57930-10	F-VB-UST-P-6	155865	6.06	642935	7.18	396330	8.67
240-57930-2	F-VS-UST-P-2	163482	6.06	636886	7.18	384461	8.67
240-57930-1	F-VS-UST-P-1	164323	6.06	659617	7.18	409587	8.67
240-57930-11	F-VS-UST-P-DUP	160354	6.06	645673	7.18	393379	8.67
240-57930-4	F-VS-UST-P-4	159533	6.06	637723	7.18	394299	8.67
240-57930-3	F-VS-UST-P-3	149741	6.06	630088	7.18	388571	8.67

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207541/2 Date Analyzed: 11/19/2015 09:50

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51119002.D Heated Purge: (Y/N) N

Calibration ID: 31440

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		619847	9.94	722332	12.55	599867	14.67
UPPER LIMIT		1239694	10.44	1444664	13.05	1199734	15.17
LOWER LIMIT		309924	9.44	361166	12.05	299934	14.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-206887/23-A		590416	9.94	666761	12.55	564893	14.67
LCS 240-206887/24-A		593056	9.94	695958	12.55	601622	14.67
240-57930-5	F-VB-UST-P-1	587594	9.94	656454	12.55	428238	14.67
240-57930-5 MS	F-VB-UST-P-1 MS	611945	9.94	703523	12.55	612174	14.67
240-57930-5 MSD	F-VB-UST-P-1 MSD	638125	9.94	734923	12.55	625674	14.67
240-57930-6	F-VB-UST-P-2	581450	9.94	648887	12.55	506456	14.67
240-57930-7	F-VB-UST-P-3	588779	9.94	667351	12.55	513166	14.67
240-57930-8	F-VB-UST-P-4	590966	9.94	668250	12.55	538037	14.67
240-57930-9	F-VB-UST-P-5	579702	9.94	664684	12.55	524803	14.67
240-57930-10	F-VB-UST-P-6	614861	9.94	689315	12.55	546172	14.67
240-57930-2	F-VS-UST-P-2	605473	9.94	685391	12.55	566491	14.67
240-57930-1	F-VS-UST-P-1	656345	9.94	730391	12.55	580328	14.67
240-57930-11	F-VS-UST-P-DUP	625198	9.94	719073	12.55	536626	14.68
240-57930-4	F-VS-UST-P-4	622150	9.94	709030	12.55	522377	14.68
240-57930-3	F-VS-UST-P-3	626391	9.94	716801	12.55	536977	14.68

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 51119027.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:30

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.52(g) | Date Analyzed: 11/19/2015 19:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	7.1	J	8.0	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	60	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	16	U	60	16
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.91	U	8.0	0.91
208-96-8	Acenaphthylene	0.42	U	8.0	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	4.6	J	8.0	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	17	J	120	14
56-55-3	Benzo[a]anthracene	12		8.0	0.75
50-32-8	Benzo[a]pyrene	12		8.0	0.77
205-99-2	Benzo[b]fluoranthene	17		8.0	0.71
191-24-2	Benzo[g,h,i]perylene	8.7		8.0	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 51119027.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:30

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.52(g) | Date Analyzed: 11/19/2015 19:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	9.7		8.0	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	23	J B	84	23
85-68-7	Butyl benzyl phthalate	12	U	84	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	18		8.0	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	8.0	0.79
132-64-9	Dibenzofuran	14	J	60	0.79
84-66-2	Diethyl phthalate	19	U	84	19
131-11-3	Dimethyl phthalate	20	U	84	20
84-74-2	Di-n-butyl phthalate	18	U	84	18
117-84-0	Di-n-octyl phthalate	9.4	U	84	9.4
206-44-0	Fluoranthene	27		8.0	0.66
86-73-7	Fluorene	4.8	J	8.0	0.63
118-74-1	Hexachlorobenzene	2.5	U	8.0	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	390	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	J	8.0	0.42
78-59-1	Isophorone	16	U	60	16
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	7.4	J	8.0	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	20		8.0	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	23		8.0	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: 51119027.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:30

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.52(g) | Date Analyzed: 11/19/2015 19:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	44		36-110
4165-62-2	Phenol-d5 (Surr)	44		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	42		20-110
367-12-4	2-Fluorophenol (Surr)	43		24-110
321-60-8	2-Fluorobiphenyl (Surr)	44		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	39		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 51119026.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:35

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.77(g) | Date Analyzed: 11/19/2015 19:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	7.2	J	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	85		7.9	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	60	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	60	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	10		7.9	0.91
208-96-8	Acenaphthylene	4.6	J	7.9	0.42
98-86-2	Acetophenone	24	J	120	11
120-12-7	Anthracene	7.4	J	7.9	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	23	J	120	14
56-55-3	Benzo[a]anthracene	14		7.9	0.75
50-32-8	Benzo[a]pyrene	12		7.9	0.76
205-99-2	Benzo[b]fluoranthene	17		7.9	0.70
191-24-2	Benzo[g,h,i]perylene	10		7.9	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 51119026.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:35

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.77(g) | Date Analyzed: 11/19/2015 19:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	8.9		7.9	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	31	J B	83	23
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	20		7.9	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	7.9	0.79
132-64-9	Dibenzofuran	11	J	60	0.79
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	30		7.9	0.66
86-73-7	Fluorene	14		7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	390	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	9.0		7.9	0.42
78-59-1	Isophorone	15	U	60	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	51		7.9	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	35		7.9	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	28		7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: 51119026.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:35

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.77(g) | Date Analyzed: 11/19/2015 19:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	76		36-110
4165-62-2	Phenol-d5 (Surr)	72		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	68		20-110
367-12-4	2-Fluorophenol (Surr)	72		24-110
321-60-8	2-Fluorobiphenyl (Surr)	72		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	58		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 51119030.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:40

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.26(g) | Date Analyzed: 11/19/2015 20:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 2.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	85	J	150	10
108-60-1	bis (2-chloroisopropyl) ether	28	U	290	28
95-95-4	2,4,5-Trichlorophenol	73	U	440	73
88-06-2	2,4,6-Trichlorophenol	26	U	440	26
120-83-2	2,4-Dichlorophenol	59	U	440	59
105-67-9	2,4-Dimethylphenol	59	U	440	59
51-28-5	2,4-Dinitrophenol	62	U	970	62
121-14-2	2,4-Dinitrotoluene	50	U	590	50
606-20-2	2,6-Dinitrotoluene	62	U	590	62
91-58-7	2-Chloronaphthalene	1.3	U	150	1.3
95-57-8	2-Chlorophenol	24	U	150	24
91-57-6	2-Methylnaphthalene	360		20	1.5
95-48-7	2-Methylphenol	32	U	590	32
88-74-4	2-Nitroaniline	27	U	590	27
88-75-5	2-Nitrophenol	24	U	150	24
91-94-1	3,3'-Dichlorobenzidine	53	U	290	53
99-09-2	3-Nitroaniline	47	U	590	47
534-52-1	4,6-Dinitro-2-methylphenol	27	U	440	27
101-55-3	4-Bromophenyl phenyl ether	38	U	150	38
59-50-7	4-Chloro-3-methylphenol	62	U	440	62
106-47-8	4-Chloroaniline	50	U	440	50
7005-72-3	4-Chlorophenyl phenyl ether	38	U	150	38
100-01-6	4-Nitroaniline	76	U	590	76
100-02-7	4-Nitrophenol	50	U	970	50
83-32-9	Acenaphthene	350		20	2.2
208-96-8	Acenaphthylene	28		20	1.0
98-86-2	Acetophenone	27	U	290	27
120-12-7	Anthracene	590		20	2.3
1912-24-9	Atrazine	27	U	590	27
100-52-7	Benzaldehyde	35	U	290	35
56-55-3	Benzo[a]anthracene	960		20	1.8
50-32-8	Benzo[a]pyrene	700		20	1.9
205-99-2	Benzo[b]fluoranthene	1100		20	1.7
191-24-2	Benzo[g,h,i]perylene	240		20	1.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 51119030.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:40

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.26(g) | Date Analyzed: 11/19/2015 20:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 2.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	440		20	2.0
111-91-1	Bis(2-chloroethoxy)methane	64	U	290	64
111-44-4	Bis(2-chloroethyl)ether	5.9	U	290	5.9
117-81-7	Bis(2-ethylhexyl) phthalate	56	U	210	56
85-68-7	Butyl benzyl phthalate	29	U	210	29
105-60-2	Caprolactam	110	U	970	110
86-74-8	Carbazole	150		150	79
218-01-9	Chrysene	1000		20	3.2
53-70-3	Dibenz(a,h)anthracene	69		20	1.9
132-64-9	Dibenzofuran	330		150	1.9
84-66-2	Diethyl phthalate	47	U	210	47
131-11-3	Dimethyl phthalate	50	U	210	50
84-74-2	Di-n-butyl phthalate	44	U	210	44
117-84-0	Di-n-octyl phthalate	23	U	210	23
206-44-0	Fluoranthene	2500		20	1.6
86-73-7	Fluorene	350		20	1.6
118-74-1	Hexachlorobenzene	6.2	U	20	6.2
87-68-3	Hexachlorobutadiene	16	U	150	16
77-47-4	Hexachlorocyclopentadiene	24	U	970	24
67-72-1	Hexachloroethane	26	U	150	26
193-39-5	Indeno[1,2,3-cd]pyrene	250		20	1.0
78-59-1	Isophorone	38	U	150	38
621-64-7	N-Nitrosodi-n-propylamine	18	U	150	18
86-30-6	N-Nitrosodiphenylamine	62	U	150	62
91-20-3	Naphthalene	460		20	2.4
98-95-3	Nitrobenzene	6.4	U	290	6.4
87-86-5	Pentachlorophenol	27	U	440	27
85-01-8	Phenanthrene	1900		20	2.1
108-95-2	Phenol	21	U	150	21
129-00-0	Pyrene	1800		20	1.3
15831-10-4	3 & 4 Methylphenol	59	U	1200	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: 51119030.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:40

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.26(g) | Date Analyzed: 11/19/2015 20:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 2.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	76		36-110
4165-62-2	Phenol-d5 (Surr)	82		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	71		20-110
367-12-4	2-Fluorophenol (Surr)	80		24-110
321-60-8	2-Fluorobiphenyl (Surr)	77		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	65		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 51119029.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:45

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.32(g) | Date Analyzed: 11/19/2015 20:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	48	J	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	220		7.9	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.9	U	60	9.9
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	60	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	60	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	110		7.9	0.90
208-96-8	Acenaphthylene	23		7.9	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	160		7.9	0.93
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	17	J	120	14
56-55-3	Benzo[a]anthracene	200		7.9	0.75
50-32-8	Benzo[a]pyrene	100		7.9	0.76
205-99-2	Benzo[b]fluoranthene	240		7.9	0.70
191-24-2	Benzo[g,h,i]perylene	41		7.9	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 51119029.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:45

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.32(g) | Date Analyzed: 11/19/2015 20:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	71		7.9	0.81
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	33	J B	83	23
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	260		7.9	1.3
53-70-3	Dibenz(a,h)anthracene	19		7.9	0.79
132-64-9	Dibenzofuran	170		60	0.79
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.4	U	83	9.4
206-44-0	Fluoranthene	560		7.9	0.65
86-73-7	Fluorene	120		7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.6	U	390	9.6
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	40		7.9	0.42
78-59-1	Isophorone	15	U	60	15
621-64-7	N-Nitrosodi-n-propylamine	7.5	U	60	7.5
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	290		7.9	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	550		7.9	0.87
108-95-2	Phenol	8.7	U	60	8.7
129-00-0	Pyrene	420		7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: 51119029.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:45

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.32(g) | Date Analyzed: 11/19/2015 20:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	69		36-110
4165-62-2	Phenol-d5 (Surr)	67		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	62		20-110
367-12-4	2-Fluorophenol (Surr)	66		24-110
321-60-8	2-Fluorobiphenyl (Surr)	66		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	56		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 51119014.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.24(g) | Date Analyzed: 11/19/2015 14:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	59	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	23	U	180	23
105-67-9	2,4-Dimethylphenol	23	U	180	23
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	25	U	230	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.6	U	59	9.6
91-57-6	2-Methylnaphthalene	0.59	U	7.8	0.59
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	59	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.91	U	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.74	U	7.8	0.74
50-32-8	Benzo[a]pyrene	0.75	U	7.8	0.75
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 51119014.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.24(g) | Date Analyzed: 11/19/2015 14:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.80	U	7.8	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	25	J B	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	390	43
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	59	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	18	U	82	18
117-84-0	Di-n-octyl phthalate	9.3	U	82	9.3
206-44-0	Fluoranthene	0.64	U	7.8	0.64
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.8	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	59	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	0.96	U	7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.86	U	7.8	0.86
108-95-2	Phenol	8.6	U	59	8.6
129-00-0	Pyrene	0.52	U	7.8	0.52
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: 51119014.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.24(g) | Date Analyzed: 11/19/2015 14:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	86		36-110
4165-62-2	Phenol-d5 (Surr)	80		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	70		20-110
367-12-4	2-Fluorophenol (Surr)	78		24-110
321-60-8	2-Fluorobiphenyl (Surr)	79		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	56		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 51119017.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:05

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.05(g) | Date Analyzed: 11/19/2015 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	59	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.7	U	59	9.7
91-57-6	2-Methylnaphthalene	0.59	U	7.9	0.59
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.8	U	59	9.8
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.90	U	7.9	0.90
208-96-8	Acenaphthylene	0.41	U	7.9	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.92	U	7.9	0.92
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.74	U	7.9	0.74
50-32-8	Benzo[a]pyrene	0.76	U	7.9	0.76
205-99-2	Benzo[b]fluoranthene	0.70	U	7.9	0.70
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.9	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 51119017.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:05

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.05(g) | Date Analyzed: 11/19/2015 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.80	U	7.9	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	38	J B	83	22
85-68-7	Butyl benzyl phthalate	12	U	83	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	1.3	U	7.9	1.3
53-70-3	Dibenz(a,h)anthracene	0.78	U	7.9	0.78
132-64-9	Dibenzofuran	0.78	U	59	0.78
84-66-2	Diethyl phthalate	19	U	83	19
131-11-3	Dimethyl phthalate	20	U	83	20
84-74-2	Di-n-butyl phthalate	18	U	83	18
117-84-0	Di-n-octyl phthalate	9.3	U	83	9.3
206-44-0	Fluoranthene	0.65	U	7.9	0.65
86-73-7	Fluorene	0.63	U	7.9	0.63
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.6	U	390	9.6
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.9	0.41
78-59-1	Isophorone	15	U	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	59	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	0.97	U	7.9	0.97
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.86	U	7.9	0.86
108-95-2	Phenol	8.6	U	59	8.6
129-00-0	Pyrene	0.52	U	7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: 51119017.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:05

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.05(g) | Date Analyzed: 11/19/2015 15:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	68		36-110
4165-62-2	Phenol-d5 (Surr)	68		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	64		20-110
367-12-4	2-Fluorophenol (Surr)	68		24-110
321-60-8	2-Fluorobiphenyl (Surr)	67		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	55		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 51119018.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:10

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.21(g) | Date Analyzed: 11/19/2015 16:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.3	U	61	4.3
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	31	U	180	31
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	25	U	180	25
105-67-9	2,4-Dimethylphenol	25	U	180	25
51-28-5	2,4-Dinitrophenol	26	U	400	26
121-14-2	2,4-Dinitrotoluene	21	U	250	21
606-20-2	2,6-Dinitrotoluene	26	U	250	26
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	10	U	61	10
91-57-6	2-Methylnaphthalene	0.61	U	8.2	0.61
95-48-7	2-Methylphenol	13	U	250	13
88-74-4	2-Nitroaniline	11	U	250	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	20	U	250	20
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	26	U	180	26
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	32	U	250	32
100-02-7	4-Nitrophenol	21	U	400	21
83-32-9	Acenaphthene	0.93	U	8.2	0.93
208-96-8	Acenaphthylene	0.43	U	8.2	0.43
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.96	U	8.2	0.96
1912-24-9	Atrazine	11	U	250	11
100-52-7	Benzaldehyde	45	J	120	15
56-55-3	Benzo[a]anthracene	0.77	U	8.2	0.77
50-32-8	Benzo[a]pyrene	0.78	U	8.2	0.78
205-99-2	Benzo[b]fluoranthene	0.72	U	8.2	0.72
191-24-2	Benzo[g,h,i]perylene	0.43	U	8.2	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 51119018.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:10

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.21(g) | Date Analyzed: 11/19/2015 16:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.83	U	8.2	0.83
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.5	U	120	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	55	J B	86	23
85-68-7	Butyl benzyl phthalate	12	U	86	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.2	1.3
53-70-3	Dibenz(a,h)anthracene	0.81	U	8.2	0.81
132-64-9	Dibenzofuran	0.81	U	61	0.81
84-66-2	Diethyl phthalate	20	U	86	20
131-11-3	Dimethyl phthalate	21	U	86	21
84-74-2	Di-n-butyl phthalate	18	U	86	18
117-84-0	Di-n-octyl phthalate	9.7	U	86	9.7
206-44-0	Fluoranthene	0.67	U	8.2	0.67
86-73-7	Fluorene	0.65	U	8.2	0.65
118-74-1	Hexachlorobenzene	2.6	U	8.2	2.6
87-68-3	Hexachlorobutadiene	6.9	U	61	6.9
77-47-4	Hexachlorocyclopentadiene	9.9	U	400	9.9
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.43	U	8.2	0.43
78-59-1	Isophorone	16	U	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.7	U	61	7.7
86-30-6	N-Nitrosodiphenylamine	26	U	61	26
91-20-3	Naphthalene	1.0	U	8.2	1.0
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.90	U	8.2	0.90
108-95-2	Phenol	9.0	U	61	9.0
129-00-0	Pyrene	0.54	U	8.2	0.54
15831-10-4	3 & 4 Methylphenol	25	U	490	25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: 51119018.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:10

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.21(g) | Date Analyzed: 11/19/2015 16:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	66		36-110
4165-62-2	Phenol-d5 (Surr)	67		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	59		20-110
367-12-4	2-Fluorophenol (Surr)	66		24-110
321-60-8	2-Fluorobiphenyl (Surr)	63		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	40		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 51119019.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:15

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.80(g) | Date Analyzed: 11/19/2015 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	60	4.2
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	400	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.54	U	60	0.54
95-57-8	2-Chlorophenol	9.8	U	60	9.8
91-57-6	2-Methylnaphthalene	0.60	U	8.0	0.60
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	60	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	60	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	16	U	60	16
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	400	20
83-32-9	Acenaphthene	0.91	U	8.0	0.91
208-96-8	Acenaphthylene	0.42	U	8.0	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.94	U	8.0	0.94
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.76	U	8.0	0.76
50-32-8	Benzo[a]pyrene	0.77	U	8.0	0.77
205-99-2	Benzo[b]fluoranthene	0.71	U	8.0	0.71
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.0	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 51119019.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:15

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.80(g) | Date Analyzed: 11/19/2015 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.82	U	8.0	0.82
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	30	J B	84	23
85-68-7	Butyl benzyl phthalate	12	U	84	12
105-60-2	Caprolactam	44	U	400	44
86-74-8	Carbazole	32	U	60	32
218-01-9	Chrysene	1.3	U	8.0	1.3
53-70-3	Dibenz(a,h)anthracene	0.79	U	8.0	0.79
132-64-9	Dibenzofuran	0.79	U	60	0.79
84-66-2	Diethyl phthalate	19	U	84	19
131-11-3	Dimethyl phthalate	20	U	84	20
84-74-2	Di-n-butyl phthalate	18	U	84	18
117-84-0	Di-n-octyl phthalate	9.5	U	84	9.5
206-44-0	Fluoranthene	0.66	U	8.0	0.66
86-73-7	Fluorene	0.64	U	8.0	0.64
118-74-1	Hexachlorobenzene	2.5	U	8.0	2.5
87-68-3	Hexachlorobutadiene	6.7	U	60	6.7
77-47-4	Hexachlorocyclopentadiene	9.7	U	400	9.7
67-72-1	Hexachloroethane	11	U	60	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.0	0.42
78-59-1	Isophorone	16	U	60	16
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	60	7.6
86-30-6	N-Nitrosodiphenylamine	25	U	60	25
91-20-3	Naphthalene	0.98	U	8.0	0.98
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.88	U	8.0	0.88
108-95-2	Phenol	8.8	U	60	8.8
129-00-0	Pyrene	0.53	U	8.0	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: 51119019.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:15

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.80(g) | Date Analyzed: 11/19/2015 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	74		36-110
4165-62-2	Phenol-d5 (Surr)	75		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	66		20-110
367-12-4	2-Fluorophenol (Surr)	73		24-110
321-60-8	2-Fluorobiphenyl (Surr)	71		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	54		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 51119020.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:20

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.71(g) | Date Analyzed: 11/19/2015 17:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.2	U	61	4.2
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	30	U	180	30
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	400	25
121-14-2	2,4-Dinitrotoluene	21	U	240	21
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	9.9	U	61	9.9
91-57-6	2-Methylnaphthalene	0.61	U	8.1	0.61
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	32	U	240	32
100-02-7	4-Nitrophenol	21	U	400	21
83-32-9	Acenaphthene	0.92	U	8.1	0.92
208-96-8	Acenaphthylene	0.42	U	8.1	0.42
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.95	U	8.1	0.95
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.76	U	8.1	0.76
50-32-8	Benzo[a]pyrene	0.78	U	8.1	0.78
205-99-2	Benzo[b]fluoranthene	0.72	U	8.1	0.72
191-24-2	Benzo[g,h,i]perylene	0.42	U	8.1	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 51119020.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:20

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.71(g) | Date Analyzed: 11/19/2015 17:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.82	U	8.1	0.82
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	62	J B	85	23
85-68-7	Butyl benzyl phthalate	12	U	85	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.1	1.3
53-70-3	Dibenz(a,h)anthracene	0.80	U	8.1	0.80
132-64-9	Dibenzofuran	0.80	U	61	0.80
84-66-2	Diethyl phthalate	19	U	85	19
131-11-3	Dimethyl phthalate	21	U	85	21
84-74-2	Di-n-butyl phthalate	18	U	85	18
117-84-0	Di-n-octyl phthalate	9.6	U	85	9.6
206-44-0	Fluoranthene	0.67	U	8.1	0.67
86-73-7	Fluorene	0.64	U	8.1	0.64
118-74-1	Hexachlorobenzene	2.5	U	8.1	2.5
87-68-3	Hexachlorobutadiene	6.8	U	61	6.8
77-47-4	Hexachlorocyclopentadiene	9.8	U	400	9.8
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U	8.1	0.42
78-59-1	Isophorone	16	U	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.6	U	61	7.6
86-30-6	N-Nitrosodiphenylamine	25	U	61	25
91-20-3	Naphthalene	0.99	U	8.1	0.99
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.88	U	8.1	0.88
108-95-2	Phenol	8.8	U	61	8.8
129-00-0	Pyrene	0.53	U	8.1	0.53
15831-10-4	3 & 4 Methylphenol	24	U	480	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: 51119020.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:20

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 29.71(g) | Date Analyzed: 11/19/2015 17:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	73		36-110
4165-62-2	Phenol-d5 (Surr)	69		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	60		20-110
367-12-4	2-Fluorophenol (Surr)	68		24-110
321-60-8	2-Fluorobiphenyl (Surr)	67		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	41		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 51119021.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:25

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.14(g) | Date Analyzed: 11/19/2015 17:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	59	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	23	U	180	23
105-67-9	2,4-Dimethylphenol	23	U	180	23
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	25	U	230	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.6	U	59	9.6
91-57-6	2-Methylnaphthalene	0.59	U	7.8	0.59
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	59	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	31	U	230	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	0.41	U	7.8	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.92	U	7.8	0.92
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	0.74	U	7.8	0.74
50-32-8	Benzo[a]pyrene	0.75	U	7.8	0.75
205-99-2	Benzo[b]fluoranthene	0.69	U	7.8	0.69
191-24-2	Benzo[g,h,i]perylene	0.41	U	7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 51119021.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:25

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.14(g) | Date Analyzed: 11/19/2015 17:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.80	U	7.8	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	31	J B	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	390	43
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	1.3	U	7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	0.77	U	59	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	18	U	82	18
117-84-0	Di-n-octyl phthalate	9.3	U	82	9.3
206-44-0	Fluoranthene	0.65	U	7.8	0.65
86-73-7	Fluorene	0.62	U	7.8	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.8	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U	7.8	0.41
78-59-1	Isophorone	15	U	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	59	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	0.96	U	7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	0.86	U	7.8	0.86
108-95-2	Phenol	8.6	U	59	8.6
129-00-0	Pyrene	0.52	U	7.8	0.52
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: 51119021.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:25

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.14(g) | Date Analyzed: 11/19/2015 17:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	70		36-110
4165-62-2	Phenol-d5 (Surr)	69		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	61		20-110
367-12-4	2-Fluorophenol (Surr)	68		24-110
321-60-8	2-Fluorobiphenyl (Surr)	66		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	53		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 51119028.D

Analysis Method: 8270D | Date Collected: 11/13/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.46(g) | Date Analyzed: 11/19/2015 20:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	58	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	23	U	180	23
105-67-9	2,4-Dimethylphenol	23	U	180	23
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	230	20
606-20-2	2,6-Dinitrotoluene	25	U	230	25
91-58-7	2-Chloronaphthalene	0.53	U	58	0.53
95-57-8	2-Chlorophenol	9.6	U	58	9.6
91-57-6	2-Methylnaphthalene	7.8		7.8	0.58
95-48-7	2-Methylphenol	13	U	230	13
88-74-4	2-Nitroaniline	11	U	230	11
88-75-5	2-Nitrophenol	9.7	U	58	9.7
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	230	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	58	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	58	15
100-01-6	4-Nitroaniline	30	U	230	30
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	0.89	U	7.8	0.89
208-96-8	Acenaphthylene	4.0	J	7.8	0.41
98-86-2	Acetophenone	17	J	120	11
120-12-7	Anthracene	5.4	J	7.8	0.91
1912-24-9	Atrazine	11	U	230	11
100-52-7	Benzaldehyde	25	J	120	14
56-55-3	Benzo[a]anthracene	16		7.8	0.74
50-32-8	Benzo[a]pyrene	17		7.8	0.75
205-99-2	Benzo[b]fluoranthene	30		7.8	0.69
191-24-2	Benzo[g,h,i]perylene	10		7.8	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 51119028.D

Analysis Method: 8270D | Date Collected: 11/13/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.46(g) | Date Analyzed: 11/19/2015 20:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	9.9		7.8	0.79
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.3	U	120	2.3
117-81-7	Bis(2-ethylhexyl) phthalate	22	U	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	43	U	390	43
86-74-8	Carbazole	32	U	58	32
218-01-9	Chrysene	22		7.8	1.3
53-70-3	Dibenz(a,h)anthracene	0.77	U	7.8	0.77
132-64-9	Dibenzofuran	16	J	58	0.77
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	18	U	82	18
117-84-0	Di-n-octyl phthalate	9.2	U	82	9.2
206-44-0	Fluoranthene	37		7.8	0.64
86-73-7	Fluorene	6.1	J	7.8	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.8	2.5
87-68-3	Hexachlorobutadiene	6.5	U	58	6.5
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	58	11
193-39-5	Indeno[1,2,3-cd]pyrene	9.2		7.8	0.41
78-59-1	Isophorone	15	U	58	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	58	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	58	25
91-20-3	Naphthalene	12		7.8	0.96
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	27		7.8	0.85
108-95-2	Phenol	8.5	U	58	8.5
129-00-0	Pyrene	30		7.8	0.51
15831-10-4	3 & 4 Methylphenol	23	U	470	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: 51119028.D

Analysis Method: 8270D | Date Collected: 11/13/2015 00:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30.46(g) | Date Analyzed: 11/19/2015 20:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	66		36-110
4165-62-2	Phenol-d5 (Surr)	68		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	65		20-110
367-12-4	2-Fluorophenol (Surr)	68		24-110
321-60-8	2-Fluorobiphenyl (Surr)	66		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	62		10-110

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-206629/6	51113006.D
Level 2	STD2 240-206629/5	51113005.D
Level 3	STD3 240-206629/4	51113004.D
Level 4	STD4 240-206629/3	51113003.D
Level 5	STD5 240-206629/2	51113002.D
Level 6	STD6 240-206629/10	51113010.D
Level 7	STD7 240-206629/9	51113009.D
Level 8	STD8 240-206629/8	51113008.D
Level 9	STD9 240-206629/12	51113012.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5800	0.6518 0.5735	0.6050 0.5469	0.6127 0.5769	0.5743	Ave		0.5901				5.4		20.0			
N-Nitrosodimethylamine	0.7783	0.8219 0.7580	0.7811 0.7426	0.7616 0.7504	0.7567	Ave		0.7688				3.3		20.0			
Pyridine	1.4242	1.4152 1.3894	1.3399 1.3496	1.3560 1.3946	1.3788	Ave		1.3810				2.2		20.0			
Benzaldehyde	1.1864	1.2241 1.1177	1.1674 1.0779	1.1723 1.0659	1.1261	Ave		1.1422			0.0100	4.8		20.0			
Phenol	1.7826	1.8299 1.7560	1.7294 1.7559	1.7444 1.7386	1.6973	Ave		1.7543			0.8000	2.2		20.0			
Aniline	2.2200	2.0959 2.1926	2.1413 2.2045	2.1057 2.1225	2.1306	Ave		2.1516				2.2		20.0			
Bis(2-chloroethyl)ether	1.4126	1.4209 1.3996	1.3734 1.3925	1.3811 1.3370	1.3403	Ave		1.3822			0.7000	2.2		20.0			
2-Chlorophenol	1.5265	1.5902 1.5088	1.4322 1.5088	1.4392 1.4962	1.4547	Ave		1.4946			0.8000	3.5		20.0			
n-Decane	2.1436	2.2445 2.0504	2.0857 1.9668	2.1294 1.9880	2.0845	Ave		2.0866				4.3		20.0			
1,3-Dichlorobenzene	1.5862	1.5431 1.5577	1.5237 1.5489	1.5519 1.5476	1.4780	Ave		1.5421				2.0		20.0			
1,4-Dichlorobenzene	1.6043	1.5729 1.5913	1.5631 1.6042	1.5756 1.5877	1.5282	Ave		1.5784				1.6		20.0			
Benzyl alcohol	0.9805	0.9353 0.9745	0.9482 0.9776	0.9603 0.9249	0.9370	Ave		0.9548				2.3		20.0			
1,2-Dichlorobenzene	1.5087	1.6362 1.5201	1.5091 1.4922	1.4979 1.4736	1.4511	Ave		1.5111				3.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.3736	1.2808 1.3399	1.3577 1.3381	1.3330 1.2780	1.3186	Ave		1.3275			0.7000	2.6		20.0			
bis (2-chloroisopropyl) ether	2.5417	2.8607 2.3346	2.8373 2.1272	2.7307 2.1050	2.6422	Ave		2.5224				12.0		20.0			
Indene	2.7102	2.6474 2.6984	2.5476 2.6781	2.5485 2.6219	2.5238	Ave		2.6220				2.8		20.0			
3 & 4 Methylphenol	1.4087	1.4373 1.4110	1.3951 1.4275	1.3518 1.3523	1.3358	Ave		1.3899				2.8		20.0			
N-Nitrosodi-n-propylamine	0.9281	0.9711 0.9045	0.9778 0.9021	0.9138 0.8359	0.8942	Ave		0.9159			0.5000	4.9		20.0			
Acetophenone	2.0659	2.1044 2.0616	2.0352 2.0341	2.0250 1.9176	2.0397	Ave		2.0354			0.0100	2.7		20.0			
Hexachloroethane	0.6972	0.7208 0.6731	0.6963 0.6734	0.6884 0.6590	0.6970	Ave		0.6881			0.3000	2.8		20.0			
Nitrobenzene	0.3778	0.3749 0.3686	0.3707 0.3613	0.3816 0.3697	0.3774	Ave		0.3728			0.2000	1.7		20.0			
Isophorone	0.6799	0.6559 0.6732	0.6537 0.6739	0.6869 0.6736	0.6749	Ave		0.6715			0.4000	1.7		20.0			
2-Nitrophenol	0.1876	0.1734 0.1859	0.1703 0.1891	0.1764 0.1773	0.1805	Ave		0.1801			0.1000	3.8		20.0			
2,4-Dimethylphenol	0.3717	0.3742 0.3694	0.3797 0.3621	0.3792 0.3645	0.3749	Ave		0.3720			0.2000	1.7		20.0			
Benzoic acid	0.1888	0.1206 0.2118	0.1367 0.1951	0.1596 0.1911	0.1891	Ave		0.1741				18.2		20.0			
Bis(2-chloroethoxy)methane	0.4049	0.3828 0.4012	0.4097 0.4105	0.4013 0.4036	0.4010	Ave		0.4019			0.3000	2.1		20.0			
2,4-Dichlorophenol	0.2996	0.2683 0.2949	0.2853 0.3042	0.2956 0.3034	0.2910	Ave		0.2928			0.2000	4.0		20.0			
1,2,4-Trichlorobenzene	0.3089	0.2973 0.3035	0.2865 0.3067	0.3112 0.3146	0.3047	Ave		0.3042				2.9		20.0			
Naphthalene	1.1367 1.0464	0.9898 1.0495	0.9887 1.0832	1.0343 1.0809	1.0232	Ave		1.0481			0.7000	4.5		20.0			
4-Chloroaniline	0.4403	0.3903 0.4489	0.4355 0.4593	0.4451 0.4446	0.4305	Ave		0.4368			0.0100	4.7		20.0			
2,6-Dichlorophenol	0.2956	0.2749 0.2924	0.2831 0.3000	0.2996 0.2983	0.2935	Ave		0.2922				3.0		20.0			
Hexachlorobutadiene	0.2016	0.2033 0.1960	0.2043 0.1966	0.1990 0.1949	0.2026	Ave		0.1998			0.0100	1.8		20.0			
Caprolactam	0.1048	0.1018 0.1037	0.0996 0.1101	0.0991 0.1069	0.1022	Ave		0.1035			0.0100	3.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3150	0.3032 0.3112	0.2950 0.3075	0.3066 0.3057	0.3153	Ave		0.3075			0.2000	2.2		20.0			
2-Methylnaphthalene	0.7584 0.7045	0.6703 0.7087	0.6741 0.7278	0.6888 0.7205	0.6840	Ave		0.7041			0.4000	4.0		20.0			
1-Methylnaphthalene	0.6888 0.6050	0.5890 0.6051	0.5702 0.6301	0.5932 0.6158	0.5897	Ave		0.6096				5.6		20.0			
Hexachlorocyclopentadiene	0.3049	0.2789 0.3260	0.2926 0.3369	0.3285 0.2965	0.3588	Ave		0.3154			0.0500	8.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.5108	0.4766 0.5052	0.4944 0.5094	0.5125 0.5270	0.5127	Ave		0.5061			0.0100	3.0		20.0			
2,4,6-Trichlorophenol	0.3656	0.3531 0.3709	0.3538 0.3706	0.3642 0.3760	0.3612	Ave		0.3644			0.2000	2.2		20.0			
2,4,5-Trichlorophenol	0.3846	0.3304 0.3781	0.3662 0.3933	0.3740 0.3913	0.3740	Ave		0.3740			0.2000	5.3		20.0			
1,1'-Biphenyl	1.4883 1.3543	1.3229 1.3801	1.3167 1.3861	1.3682 1.4058	1.3283	Ave		1.3723			0.0100	3.9		20.0			
2-Chloronaphthalene	1.2122 1.1168	1.0507 1.1305	1.0503 1.1262	1.1313 1.1443	1.1240	Ave		1.1207			0.8000	4.4		20.0			
2-Nitroaniline	0.3864	0.3519 0.3814	0.3758 0.3776	0.3868 0.3758	0.3903	Ave		0.3783			0.0100	3.2		20.0			
Dimethyl phthalate	1.2811	1.2965 1.2891	1.2452 1.3299	1.2854 1.2973	1.2875	Ave		1.2890			0.0100	1.8		20.0			
1,3-Dinitrobenzene	0.2034	0.1538 0.2064	0.1745 0.2024	0.1812 0.2032	0.1940	Ave		0.1899				9.8		20.0			
2,6-Dinitrotoluene	0.2871	0.2590 0.2913	0.2843 0.2911	0.2753 0.2855	0.2906	Ave		0.2830				3.9		20.0			
Acenaphthylene	1.6658 1.6993	1.5320 1.7126	1.6281 1.7529	1.6379 1.7469	1.6293	Ave		1.6672			0.9000	4.2		20.0			
3-Nitroaniline	0.2992	0.2961 0.3084	0.2955 0.3120	0.3038 0.3002	0.3103	Ave		0.3032			0.0100	2.1		20.0			
2,4-Dinitrophenol	0.1105	+++++ 0.1381	0.0794 0.1509	0.1056 +++++	0.1296	Qua	0.0601	0.0858	0.0015927		0.0100				0.9960		0.9900
Acenaphthene	1.1725 1.0525	0.9890 1.0672	1.0580 1.0663	1.0432 1.0818	1.0251	Ave		1.0617			0.9000	4.7		20.0			
4-Nitrophenol	0.2085	0.1942 0.2080	0.2128 0.2107	0.2115 0.2014	0.2261	Ave		0.2092				4.4		20.0			
2,4-Dinitrotoluene	0.3861	0.3383 0.3813	0.3314 0.3905	0.3661 0.3763	0.3809	Ave		0.3688			0.2000	6.0		20.0			
Dibenzofuran	1.6988 1.5987	1.5587 1.5673	1.5149 1.6099	1.5330 1.6047	1.5220	Ave		1.5787			0.8000	3.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.3308	0.3098 0.3326	0.3008 0.3407	0.3247 0.3326	0.3270	Ave		0.3249			0.0100	4.1		20.0			
Diethyl phthalate	1.2701	1.2539 1.2773	1.2952 1.2386	1.2884 1.2549	1.3024	Ave		1.2726			0.0100	1.8		20.0			
Hexadecane	0.6693	0.7033 0.6108	0.7106 0.5557	0.7074 0.6137	0.6766	Ave		0.6559				8.6		20.0			
4-Chlorophenyl phenyl ether	0.5913	0.5794 0.6030	0.6048 0.6145	0.5955 0.6023	0.5858	Ave		0.5971			0.4000	1.9		20.0			
4-Nitroaniline	0.3028	0.2764 0.3063	0.2974 0.3178	0.3134 0.2963	0.3121	Ave		0.3028			0.0100	4.3		20.0			
Fluorene	1.5561 1.2847	1.1922 1.3236	1.2493 1.3456	1.2672 1.3403	1.2612	Ave		1.3133			0.9000	7.9		20.0			
4,6-Dinitro-2-methylphenol	0.1083	+++++ 0.1251	0.0896 0.1353	0.1037 0.0964	0.1164	Ave		0.1107			0.0100	14.5		20.0			
N-Nitrosodiphenylamine	0.6062	0.5806 0.6089	0.5828 0.6313	0.5617 0.6381	0.5872	Ave		0.5996			0.0100	4.4		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.8281	0.7939 0.8037	0.8381 0.8095	0.8533 0.8231	0.8361	Ave		0.8237				2.2		20.0			
Azobenzene	0.8288	0.7998 0.8036	0.8349 0.8095	0.8533 0.8233	0.8361	Ave		0.8237				2.2		20.0			
4-Bromophenyl phenyl ether	0.2316	0.2140 0.2319	0.2250 0.2403	0.2223 0.2370	0.2302	Ave		0.2290			0.1000	3.7		20.0			
Hexachlorobenzene	0.2871 0.2538	0.2494 0.2480	0.2530 0.2587	0.2390 0.2597	0.2473	Ave		0.2551			0.1000	5.3		20.0			
Atrazine	0.2333	0.2481 0.2301	0.2390 0.2292	0.2323 0.2296	0.2393	Ave		0.2351			0.0100	2.8		20.0			
Pentachlorophenol	0.1768	0.1442 0.1784	0.1481 0.1822	0.1633 0.1803	0.1693	Ave		0.1678			0.0500	8.8		20.0			
n-Octadecane	1.0559	1.0980 0.9783	1.1191 0.8727	1.1216 0.9263	1.1319	Ave		1.0380				9.6		20.0			
Phenanthrene	1.2263 1.1418	1.1134 1.1415	1.0995 1.1991	1.0943 1.1964	1.1118	Ave		1.1471			0.7000	4.2		20.0			
Anthracene	1.2243 1.1516	1.0926 1.1652	1.1414 1.2289	1.1277 1.2029	1.1101	Ave		1.1605			0.7000	4.2		20.0			
Carbazole	1.0457	1.0752 1.0377	1.0810 1.1224	1.0543 1.0774	1.0361	Ave		1.0662			0.0100	2.7		20.0			
Di-n-butyl phthalate	1.4561	1.3958 1.4564	1.4296 1.4707	1.4048 1.4520	1.4467	Ave		1.4390			0.0100	1.8		20.0			
Fluoranthene	1.3132 1.2607	1.1716 1.2659	1.2250 1.3248	1.1658 1.2984	1.2532	Ave		1.2532			0.6000	4.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.5363	0.3956 0.5795	0.4461 0.5976	0.4937 0.4961	0.5614	Ave		0.5133				13.5		20.0			
Pyrene	1.2825 1.1398	1.0882 1.1039	1.0551 1.1376	1.0938 1.1311	1.0732	Ave		1.1228			0.6000	5.9		20.0			
Butyl benzyl phthalate	0.5639	0.5476 0.5408	0.5274 0.5413	0.5546 0.5329	0.5434	Ave		0.5440			0.0100	2.1		20.0			
3,3'-Dichlorobenzidine	0.4080	0.3631 0.4063	0.3772 0.4230	0.3889 0.4081	0.3956	Ave		0.3962			0.0100	4.9		20.0			
Bis(2-ethylhexyl) phthalate	0.8077	0.7754 0.7684	0.7957 0.7427	0.7881 0.7630	0.7902	Ave		0.7789			0.0100	2.7		20.0			
Benzo[a]anthracene	1.2644 1.0828	1.0291 1.0505	1.0476 1.0923	1.0611 1.0677	1.0294	Ave		1.0806			0.8000	6.7		20.0			
Chrysene	1.1326 1.0034	0.9676 0.9763	0.9570 1.0083	0.9767 0.9824	0.9510	Ave		0.9950			0.7000	5.5		20.0			
Di-n-octyl phthalate	1.6551	1.5266 1.6451	1.5650 1.6721	1.6257 1.6900	1.5890	Ave		1.6211			0.0100	3.5		20.0			
Benzo[b]fluoranthene	1.2496 1.2002	1.1171 1.2131	1.0756 1.2289	1.1259 1.2189	1.1602	Ave		1.1766			0.7000	5.1		20.0			
Benzo[k]fluoranthene	1.3243 1.2239	1.1343 1.2162	1.1885 1.2577	1.2414 1.2919	1.1974	Ave		1.2306			0.7000	4.6		20.0			
Benzo[a]pyrene	1.1558 1.1387	1.0681 1.1582	1.0554 1.2017	1.1164 1.1780	1.1000	Ave		1.1302			0.7000	4.4		20.0			
Indeno[1,2,3-cd]pyrene	1.3217 1.2589	1.1565 1.2554	1.1606 1.3417	1.2128 1.2977	1.2299	Ave		1.2484			0.5000	5.3		20.0			
Dibenz(a,h)anthracene	1.0845 1.0450	0.9071 1.0768	0.9519 1.1527	0.9946 1.1017	1.0195	Ave		1.0371			0.4000	7.4		20.0			
Benzo[g,h,i]perylene	1.0895 1.0332	0.9955 1.0569	0.9874 1.1041	1.0518 1.0589	1.0382	Ave		1.0462			0.5000	3.7		20.0			
2-Fluorophenol (Surr)	1.4168	1.3862 1.3812	1.4000 1.3367	1.3188 1.3588	1.2885	Ave		1.3609				3.2		20.0			
Phenol-d5 (Surr)	1.7114	1.6292 1.6555	1.6082 1.6630	1.6510 1.6264	1.6328	Ave		1.6472				1.9		20.0			
Nitrobenzene-d5 (Surr)	0.4549 0.4152	0.3856 0.3887	0.3897 0.3872	0.4124 0.3887	0.4159	Ave		0.4042				5.7		20.0			
2-Fluorobiphenyl (Surr)	1.3419 1.2271	1.1704 1.2356	1.1679 1.2420	1.2420 1.2595	1.2243	Ave		1.2345				4.1		20.0			
2,4,6-Tribromophenol (Surr)	0.1904	0.1762 0.1938	0.1774 0.1972	0.1726 0.1931	0.1844	Ave		0.1856				5.0		20.0			
Terphenyl-d14 (Surr)	0.9377 0.8182	0.7913 0.7941	0.7751 0.8137	0.7944 0.7943	0.7757	Ave		0.8105				6.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-206629/6	51113006.D
Level 2	STD2 240-206629/5	51113005.D
Level 3	STD3 240-206629/4	51113004.D
Level 4	STD4 240-206629/3	51113003.D
Level 5	STD5 240-206629/2	51113002.D
Level 6	STD6 240-206629/10	51113010.D
Level 7	STD7 240-206629/9	51113009.D
Level 8	STD8 240-206629/8	51113008.D
Level 9	STD9 240-206629/12	51113012.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	242487	12707 363801	22045 552856	47335 521483	102317	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	325392	16024 480840	28462 750792	58840 678349	134807	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	595421	27590 881420	48824 1364385	104766 1260637	245629	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	991964	47731 1418129	85080 2179498	181143 1927001	401226	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenol	DCB	Ave	745241	35675 1113987	63018 1775169	134771 1571572	302370	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	928081	40861 1390945	78027 2228638	162681 1918607	379571	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	590544	27703 887912	50045 1407822	106700 1208609	238771	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	638153	31002 957175	52189 1525354	111194 1352489	259163	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
n-Decane	DCB	Ave	896169	43760 1300739	76002 1988420	164515 1797052	371359	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	663141	30084 988203	55522 1565862	119894 1398968	263314	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,4-Dichlorobenzene	DCB	Ave	670689	30666 1009476	56958 1621795	121730 1435180	272256	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	409889	18234 618199	34550 988372	74188 836072	166920	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	630733	31899 964317	54990 1508520	115724 1332087	258518	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	574266	24970 850013	49472 1352761	102988 1155228	234918	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
bis (2-chloroisopropyl) ether	DCB	Ave	1062591	55773 1481057	103389 2150528	210969 1902780	470708	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indene	DCB	Ave	2266057	103230 3423637	185664 5415021	393791 4740216	899220	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
3 & 4 Methylphenol	DCB	Ave	588910	28022 895118	50835 1443127	104435 1222420	237966	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	388013	18933 573802	35631 911950	70600 755572	159295	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	863670	41028 1307832	74160 2056373	156452 1733452	363374	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	291479	14053 426998	25373 680793	53181 595715	124168	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	658439	31200 980027	55607 1527300	118322 1305992	270146	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1184947	54579 1789946	98053 2848963	212987 2379097	483047	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	327054	14433 494204	25541 799418	54706 626179	129185	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	647836	31141 982084	56951 1530840	117586 1287317	268349	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Ave	657994	20071 1126513	41009 1649366	98993 1349950	270718	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	705775	31852 1066825	61452 1735387	124444 1425561	287039	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	522159	22329 784202	42790 1286114	91672 1071599	208266	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	538428	24740 807081	42975 1296621	96500 1111072	218106	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	19468 1823811	82370 2790386	148289 4579201	320734 3817926	732351	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	767460	32477 1193563	65318 1941823	138016 1570389	308128	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dichlorophenol	NPT	Ave	515239	22873 777432	42458 1268163	92896 1053463	210104	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	351446	16918 521242	30637 831224	61702 688288	145027	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	365270	16942 551640	29887 930933	61467 755257	146226	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	549110	25230 827429	44252 1299928	95087 1079769	225669	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	12988 1227817	55776 1884334	101112 3076748	213574 2544802	489549	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Methylnaphthalene	NPT	Ave	11797 1054541	49011 1608797	85517 2663612	183934 2174950	422088	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 310267	13639 505734	25689 852674	57410 604183	147706	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 519837	23309 783706	43411 1289365	89558 1073839	211045	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 372130	17269 575315	31063 938164	63639 766180	148673	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 391450	16161 586483	32150 995421	65361 797362	153968	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	14900 1378317	64706 2140847	115610 3508661	239083 2864509	546801	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	12136 1136589	51392 1753613	92221 2850704	197678 2331795	462709	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 393286	17213 591650	32999 955860	67582 765845	160685	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1303832	63413 1999692	109330 3366191	224618 2643447	530004	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dinitrobenzene	ANT	Ave	 206981	7523 320163	15323 512282	31658 414025	79851	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 292196	12666 451929	24966 736972	48109 581863	119624	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	16677 1729464	74932 2656651	142947 4436952	286219 3559722	670718	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 304529	14484 478463	25948 789749	53082 611705	127718	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	 224981	+++++ 428528	13949 763934	36919 +++++	106677	 20.0	+++++ 30.0	2.00 40.0	4.00 +++++	10.0
Acenaphthene	ANT	Ave	11739 1071134	48373 1655487	92893 2699034	182296 2204399	421989	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	 424314	19000 645189	37377 1066898	73905 820683	186179	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
2,4-Dinitrotoluene	ANT	Ave	 392966	16545 591541	29095 988394	63966 766687	156804	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	17008 1627061	76236 2431243	133013 4075028	267878 3269978	626543	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 336673	15151 515984	26414 862382	56745 677769	134625	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	 1292620	61332 1981326	113722 3135146	225138 2557069	536128	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexadecane	PHN	Ave	 1048902	52981 1498801	93616 2186134	190674 1909356	433277	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	601816	28341 935407	53101 1555336	104064 1227372	241155	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	308154	13517 475122	26114 804383	54767 603811	128477	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	15579 1307520	58311 2053172	109688 3405946	221437 2731175	519169	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Ave	339317	+++++ 613821	23619 1064833	55889 600116	149073	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
N-Nitrosodiphenylamine	PHN	Ave	1900033	87474 2988214	153540 4966871	302792 3970709	752035	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1297814	59805 1972102	110406 3184726	229993 2560884	535383	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1298882	60250 1971871	109992 3184726	229993 2561734	535405	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	362907	16124 569068	29637 945348	59913 737353	147445	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4510 397823	18788 608443	33327 1017580	64405 807944	158343	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	731343	37382 1129111	62983 1803186	125218 1428560	306484	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Pentachlorophenol	PHN	Ave	554277	21726 875723	39025 1433588	88033 1121777	216877	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
n-Octadecane	ANT	Ave	1074609	53703 1517540	98258 2208985	195987 1887436	465957	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenanthrene	PHN	Ave	19267 1789509	83873 2800992	144839 4717241	294954 3722367	711946	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	19235 1804767	82310 2859224	150366 4834609	303944 3742798	710886	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	1638804	81000 2546451	142411 4415789	284162 3352067	663503	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2282096	105145 3573885	188333 5785988	378636 4517663	926414	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	20632 1975866	88263 3106427	161380 5212018	314215 4039715	802530	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Ave	1926664	69378 3349409	139660 5667898	301859 3710065	859695	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Pyrene	CRY	Ave	22708 2047232	95415 3190127	165176 5395164	334352 4229253	821706	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1012819	48016 1562675	82568 2567274	169546 1992494	416025	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dichlorobenzidine	CRY	Ave	1465512	63673 2348032	118098 4011733	237735 3051543	605753	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 206629

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2015 09:35 Calibration End Date: 11/13/2015 13:36 Calibration ID: 31440

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Bis(2-ethylhexyl) phthalate	CRY	Ave	1450736	67985 2220542	124565 3522065	240922 2852931	605007	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	22389 1944809	90237 3035848	163998 5180128	324359 3991935	788168	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	20055 1802245	84839 2821437	149813 4781902	298550 3673097	728079	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Ave	2531103	112642 3941562	210278 6503579	419689 5083436	1029544	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	19022 1835386	82425 2906433	144524 4779806	290651 3666458	751726	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	20159 1871666	83696 2914076	159694 4891593	320482 3886014	775870	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	17594 1741452	78807 2775036	141805 4673787	288195 3543188	712763	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	20119 1925202	85328 3007984	155947 5218420	313092 3903319	796893	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	16509 1598177	66932 2579861	127895 4483316	256748 3313767	660600	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	16584 1580038	73449 2532221	132670 4294436	271514 3185151	672715	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	592303	27025 876240	51014 1351392	101888 1228319	229547	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	715480	31763 1050255	58602 1681199	127550 1470164	290894	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	7791 723587	32085 1033503	58457 1636760	127882 1372772	297702	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	13435 1248919	57244 1916614	102541 3143694	217027 2566398	503998	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	193743	8617 300602	15573 499180	30154 393558	75894	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	16604 1469620	69384 2294804	121331 3859084	242834 2970004	593873	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID (1): CCV 240-207287/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/18/2015 08:26

ANALYTE	RT	RESOLUTION (%)
2-Fluorophenol (Surr)	4.85	100.0
Benzaldehyde	5.67	100.0
Phenol-d5 (Surr)	5.72	100.0
Phenol	5.73	100.0
Bis(2-chloroethyl)ether	5.81	100.0
2-Chlorophenol	5.88	100.0
2-Methylphenol	6.27	100.0
bis (2-chloroisopropyl) ether	6.30	100.0
3 & 4 Methylphenol	6.41	100.0
N-Nitrosodi-n-propylamine	6.41	100.0
Acetophenone	6.42	100.0
Hexachloroethane	6.53	100.0
Nitrobenzene-d5 (Surr)	6.55	100.0
Nitrobenzene	6.56	100.0
Isophorone	6.77	100.0
2-Nitrophenol	6.85	100.0
2,4-Dimethylphenol	6.86	100.0
Bis(2-chloroethoxy)methane	6.94	100.0
2,4-Dichlorophenol	7.05	100.0
Naphthalene	7.20	100.0
4-Chloroaniline	7.23	100.0
Hexachlorobutadiene	7.32	100.0
Caprolactam	7.52	100.0
4-Chloro-3-methylphenol	7.63	100.0
2-Methylnaphthalene	7.80	100.0
Hexachlorocyclopentadiene	7.94	100.0
2,4,6-Trichlorophenol	8.03	100.0
2,4,5-Trichlorophenol	8.06	100.0
2-Fluorobiphenyl (Surr)	8.10	100.0
1,1'-Biphenyl	8.19	100.0
2-Chloronaphthalene	8.22	100.0
2-Nitroaniline	8.28	100.0
Dimethyl phthalate	8.42	100.0
2,6-Dinitrotoluene	8.47	100.0
Acenaphthylene	8.57	100.0
3-Nitroaniline	8.63	100.0
2,4-Dinitrophenol	8.71	100.0
Acenaphthene	8.71	100.0
4-Nitrophenol	8.74	100.0
2,4-Dinitrotoluene	8.82	100.0
Dibenzofuran	8.86	100.0
Diethyl phthalate	9.01	100.0
4-Chlorophenyl phenyl ether	9.13	100.0
4-Nitroaniline	9.14	100.0
Fluorene	9.15	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID (1): CCV 240-207287/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/18/2015 08:26

ANALYTE	RT	RESOLUTION (%)
4,6-Dinitro-2-methylphenol	9.17	100.0
N-Nitrosodiphenylamine	9.23	100.0
2,4,6-Tribromophenol (Surr)	9.36	100.0
4-Bromophenyl phenyl ether	9.55	100.0
Hexachlorobenzene	9.63	100.0
Atrazine	9.66	100.0
Pentachlorophenol	9.79	100.0
Phenanthrene	9.97	100.0
Anthracene	10.01	100.0
Carbazole	10.14	100.0
Di-n-butyl phthalate	10.38	100.0
Fluoranthene	10.99	100.0
Pyrene	11.21	100.0
Terphenyl-d14 (Surr)	11.32	100.0
Butyl benzyl phthalate	11.81	100.0
3,3'-Dichlorobenzidine	12.49	100.0
Bis(2-ethylhexyl) phthalate	12.50	100.0
Benzo[a]anthracene	12.55	100.0
Chrysene	12.60	100.0
Di-n-octyl phthalate	13.42	100.0
Benzo[b]fluoranthene	14.10	26.50
Benzo[k]fluoranthene	14.14	100.0
Benzo[a]pyrene	14.61	100.0
Indeno[1,2,3-cd]pyrene	16.41	100.0
Dibenz(a,h)anthracene	16.43	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID (1): CCV 240-207541/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/19/2015 09:50

ANALYTE	RT	RESOLUTION (%)
2-Fluorophenol (Surr)	4.84	100.0
Benzaldehyde	5.66	100.0
Phenol-d5 (Surr)	5.71	100.0
Phenol	5.72	100.0
Bis(2-chloroethyl)ether	5.80	100.0
2-Chlorophenol	5.88	100.0
2-Methylphenol	6.26	100.0
bis (2-chloroisopropyl) ether	6.29	100.0
3 & 4 Methylphenol	6.39	100.0
N-Nitrosodi-n-propylamine	6.40	100.0
Acetophenone	6.41	100.0
Hexachloroethane	6.52	100.0
Nitrobenzene-d5 (Surr)	6.54	100.0
Nitrobenzene	6.56	100.0
Isophorone	6.76	100.0
2-Nitrophenol	6.83	100.0
2,4-Dimethylphenol	6.86	100.0
Bis(2-chloroethoxy)methane	6.93	100.0
2,4-Dichlorophenol	7.05	100.0
Naphthalene	7.19	100.0
4-Chloroaniline	7.22	100.0
Hexachlorobutadiene	7.30	100.0
Caprolactam	7.51	100.0
4-Chloro-3-methylphenol	7.63	100.0
2-Methylnaphthalene	7.79	100.0
Hexachlorocyclopentadiene	7.93	100.0
2,4,6-Trichlorophenol	8.02	100.0
2,4,5-Trichlorophenol	8.06	100.0
2-Fluorobiphenyl (Surr)	8.09	100.0
1,1'-Biphenyl	8.17	100.0
2-Chloronaphthalene	8.20	100.0
2-Nitroaniline	8.27	100.0
Dimethyl phthalate	8.41	100.0
2,6-Dinitrotoluene	8.46	100.0
Acenaphthylene	8.56	100.0
3-Nitroaniline	8.61	100.0
2,4-Dinitrophenol	8.70	100.0
Acenaphthene	8.70	100.0
4-Nitrophenol	8.74	100.0
2,4-Dinitrotoluene	8.81	100.0
Dibenzofuran	8.85	100.0
Diethyl phthalate	9.00	100.0
4-Chlorophenyl phenyl ether	9.12	100.0
4-Nitroaniline	9.13	100.0
Fluorene	9.14	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID (1): CCV 240-207541/2 CCVIS Instrument ID (1): A4HP10

GC Column (1): DB-624 ID: 0.18(mm) Date Analyzed (1): 11/19/2015 09:50

ANALYTE	RT	RESOLUTION (%)
4,6-Dinitro-2-methylphenol	9.16	100.0
N-Nitrosodiphenylamine	9.21	100.0
2,4,6-Tribromophenol (Surr)	9.34	100.0
4-Bromophenyl phenyl ether	9.54	100.0
Hexachlorobenzene	9.63	100.0
Atrazine	9.65	100.0
Pentachlorophenol	9.78	100.0
Phenanthrene	9.96	100.0
Anthracene	10.00	100.0
Carbazole	10.12	100.0
Di-n-butyl phthalate	10.37	100.0
Fluoranthene	10.98	100.0
Pyrene	11.20	100.0
Terphenyl-d14 (Surr)	11.31	100.0
Butyl benzyl phthalate	11.79	100.0
3,3'-Dichlorobenzidine	12.47	100.0
Bis(2-ethylhexyl) phthalate	12.48	100.0
Benzo[a]anthracene	12.53	100.0
Chrysene	12.59	100.0
Di-n-octyl phthalate	13.40	100.0
Benzo[b]fluoranthene	14.09	25.20
Benzo[k]fluoranthene	14.13	100.0
Benzo[a]pyrene	14.59	100.0
Indeno[1,2,3-cd]pyrene	16.39	100.0
Dibenz(a,h)anthracene	16.41	100.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206629/11 Calibration Date: 11/13/2015 13:12

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51113011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5901	0.5299		8.98	10.0	-10.2	30.0
N-Nitrosodimethylamine	Ave	0.7688	0.6186		8.05	10.0	-19.5	30.0
Pyridine	Ave	1.381	1.303		9.43	10.0	-5.7	30.0
Benzaldehyde	Ave	1.142	1.032	0.0100	18.1	20.0	-9.7	30.0
Phenol	Ave	1.754	1.651	0.8000	9.41	10.0	-5.9	30.0
Aniline	Ave	2.152	1.999		9.29	10.0	-7.1	30.0
Bis(2-chloroethyl)ether	Ave	1.382	1.274	0.7000	9.21	10.0	-7.9	30.0
2-Chlorophenol	Ave	1.495	1.381	0.8000	9.24	10.0	-7.6	30.0
n-Decane	Ave	2.087	1.904		9.13	10.0	-8.7	30.0
1,3-Dichlorobenzene	Ave	1.542	1.441		9.34	10.0	-6.6	30.0
1,4-Dichlorobenzene	Ave	1.578	1.472		9.33	10.0	-6.7	30.0
Benzyl alcohol	Ave	0.9548	0.9034		9.46	10.0	-5.4	30.0
1,2-Dichlorobenzene	Ave	1.511	1.370		9.06	10.0	-9.4	30.0
2-Methylphenol	Ave	1.327	1.276	0.7000	9.61	10.0	-3.9	30.0
bis (2-chloroisopropyl) ether	Ave	2.522	2.334		9.25	10.0	-7.5	30.0
Indene	Ave	2.622	2.310		17.6	20.0	-11.9	30.0
3 & 4 Methylphenol	Ave	1.390	1.301		9.36	10.0	-6.4	30.0
N-Nitrosodi-n-propylamine	Ave	0.9159	0.8494	0.5000	9.27	10.0	-7.3	30.0
Acetophenone	Ave	2.035	1.844	0.0100	9.06	10.0	-9.4	30.0
Hexachloroethane	Ave	0.6881	0.6347	0.3000	9.22	10.0	-7.8	30.0
Nitrobenzene	Ave	0.3728	0.3466	0.2000	9.30	10.0	-7.0	30.0
Isophorone	Ave	0.6715	0.6521	0.4000	9.71	10.0	-2.9	30.0
2-Nitrophenol	Ave	0.1801	0.1714	0.1000	9.52	10.0	-4.8	30.0
2,4-Dimethylphenol	Ave	0.3720	0.3420	0.2000	9.19	10.0	-8.1	30.0
Benzoic acid	Ave	0.1741	0.1903		21.9	20.0	9.3	30.0
Bis(2-chloroethoxy)methane	Ave	0.4019	0.3824	0.3000	9.52	10.0	-4.8	30.0
2,4-Dichlorophenol	Ave	0.2928	0.2786	0.2000	9.51	10.0	-4.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3042	0.2929		9.63	10.0	-3.7	30.0
Naphthalene	Ave	1.048	0.995	0.7000	9.49	10.0	-5.1	30.0
4-Chloroaniline	Ave	0.4368	0.3976	0.0100	9.10	10.0	-9.0	30.0
2,6-Dichlorophenol	Ave	0.2922	0.2789		9.55	10.0	-4.5	30.0
Hexachlorobutadiene	Ave	0.1998	0.1851	0.0100	9.26	10.0	-7.4	30.0
Caprolactam	Ave	0.1035	0.0982	0.0100	19.0	20.0	-5.2	30.0
4-Chloro-3-methylphenol	Ave	0.3075	0.2976	0.2000	9.68	10.0	-3.2	30.0
2-Methylnaphthalene	Ave	0.7041	0.6346	0.4000	9.01	10.0	-9.9	30.0
1-Methylnaphthalene	Ave	0.6096	0.5922		9.71	10.0	-2.9	30.0
Hexachlorocyclopentadiene	Ave	0.3154	0.2915	0.0500	9.24	10.0	-7.6	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5061	0.4956	0.0100	9.79	10.0	-2.1	30.0
2,4,6-Trichlorophenol	Ave	0.3644	0.3516	0.2000	9.65	10.0	-3.5	30.0
2,4,5-Trichlorophenol	Ave	0.3740	0.3746	0.2000	10.0	10.0	0.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206629/11 Calibration Date: 11/13/2015 13:12

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51113011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.372	1.301	0.0100	9.48	10.0	-5.2	30.0
2-Chloronaphthalene	Ave	1.121	1.080	0.8000	9.64	10.0	-3.6	30.0
2-Nitroaniline	Ave	0.3783	0.3693	0.0100	9.76	10.0	-2.4	30.0
Dimethyl phthalate	Ave	1.289	1.223	0.0100	9.49	10.0	-5.1	30.0
1,3-Dinitrobenzene	Ave	0.1899	0.1924		10.1	10.0	1.3	30.0
2,6-Dinitrotoluene	Ave	0.2830	0.2800		9.89	10.0	-1.1	30.0
Acenaphthylene	Ave	1.667	1.580	0.9000	9.48	10.0	-5.2	30.0
3-Nitroaniline	Ave	0.3032	0.2838	0.0100	9.36	10.0	-6.4	30.0
2,4-Dinitrophenol	Qua		0.1079	0.0100	18.3	20.0	-8.7	30.0
Acenaphthene	Ave	1.062	1.019	0.9000	9.59	10.0	-4.1	30.0
4-Nitrophenol	Ave	0.2092	0.1949		18.6	20.0	-6.8	30.0
2,4-Dinitrotoluene	Ave	0.3688	0.3590	0.2000	9.73	10.0	-2.7	30.0
Dibenzofuran	Ave	1.579	1.480	0.8000	9.38	10.0	-6.2	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3249	0.3152	0.0100	9.70	10.0	-3.0	30.0
Diethyl phthalate	Ave	1.273	1.227	0.0100	9.64	10.0	-3.6	30.0
Hexadecane	Ave	0.6559	0.6385		9.73	10.0	-2.7	30.0
4-Chlorophenyl phenyl ether	Ave	0.5971	0.5547	0.4000	9.29	10.0	-7.1	30.0
4-Nitroaniline	Ave	0.3028	0.2847	0.0100	9.40	10.0	-6.0	30.0
Fluorene	Ave	1.313	1.232	0.9000	9.38	10.0	-6.2	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1107	0.1028	0.0100	18.6	20.0	-7.1	30.0
N-Nitrosodiphenylamine	Ave	0.5996	0.5884	0.0100	19.6	20.0	-1.9	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8232	0.8297		10.1	10.0	0.8	30.0
Azobenzene	Ave	0.8237	0.8298		10.1	10.0	0.7	30.0
4-Bromophenyl phenyl ether	Ave	0.2290	0.2222	0.1000	9.70	10.0	-3.0	30.0
Hexachlorobenzene	Ave	0.2551	0.2411	0.1000	9.45	10.0	-5.5	30.0
Atrazine	Ave	0.2351	0.2134	0.0100	18.2	20.0	-9.2	30.0
Pentachlorophenol	Ave	0.1678	0.1751	0.0500	20.9	20.0	4.3	30.0
n-Octadecane	Ave	1.038	0.9823		9.46	10.0	-5.4	30.0
Phenanthrene	Ave	1.147	1.055	0.7000	9.19	10.0	-8.1	30.0
Anthracene	Ave	1.161	1.092	0.7000	9.41	10.0	-5.9	30.0
Carbazole	Ave	1.066	0.9539	0.0100	8.95	10.0	-10.5	30.0
Di-n-butyl phthalate	Ave	1.439	1.379	0.0100	9.58	10.0	-4.2	30.0
Fluoranthene	Ave	1.253	1.187	0.6000	9.47	10.0	-5.3	30.0
Benzidine	Ave	0.5133	0.4927		19.2	20.0	-4.0	30.0
Pyrene	Ave	1.123	1.039	0.6000	9.25	10.0	-7.5	30.0
Butyl benzyl phthalate	Ave	0.5440	0.5398	0.0100	9.92	10.0	-0.8	30.0
3,3'-Dichlorobenzidine	Ave	0.3962	0.3861	0.0100	19.5	20.0	-2.6	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7789	0.7652	0.0100	9.82	10.0	-1.8	30.0
Benzo[a]anthracene	Ave	1.081	1.022	0.8000	9.46	10.0	-5.4	30.0
Chrysene	Ave	0.995	0.9698	0.7000	9.75	10.0	-2.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-206629/11 Calibration Date: 11/13/2015 13:12

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51113011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.621	1.669	0.0100	10.3	10.0	3.0	30.0
Benzo[b]fluoranthene	Ave	1.177	1.172	0.7000	9.96	10.0	-0.4	30.0
Benzo[k]fluoranthene	Ave	1.231	1.152	0.7000	9.36	10.0	-6.4	30.0
Benzo[a]pyrene	Ave	1.130	1.092	0.7000	9.66	10.0	-3.4	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.248	1.198	0.5000	9.60	10.0	-4.0	30.0
Dibenz(a,h)anthracene	Ave	1.037	1.022	0.4000	9.85	10.0	-1.5	30.0
Benzo[g,h,i]perylene	Ave	1.046	1.036	0.5000	9.90	10.0	-1.0	30.0
2-Fluorophenol (Surr)	Ave	1.361	1.380		10.1	10.0	1.4	30.0
Phenol-d5 (Surr)	Ave	1.647	1.680		10.2	10.0	2.0	30.0
Nitrobenzene-d5 (Surr)	Ave	0.4042	0.4213		10.4	10.0	4.2	30.0
2-Fluorobiphenyl (Surr)	Ave	1.235	1.294		10.5	10.0	4.8	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1856	0.1971		10.6	10.0	6.2	30.0
Terphenyl-d14 (Surr)	Ave	0.8105	0.8171		10.1	10.0	0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207287/2 Calibration Date: 11/18/2015 08:26

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51118002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5901	0.5726		9.70	10.0	-3.0	20.0
N-Nitrosodimethylamine	Ave	0.7688	0.7535		9.80	10.0	-2.0	20.0
Pyridine	Ave	1.381	1.381		10.0	10.0	-0.0	20.0
Benzaldehyde	Ave	1.142	1.103	0.0100	19.3	20.0	-3.4	20.0
Phenol	Ave	1.754	1.726	0.8000	9.84	10.0	-1.6	20.0
Aniline	Ave	2.152	2.181		10.1	10.0	1.4	20.0
Bis(2-chloroethyl)ether	Ave	1.382	1.375	0.7000	9.95	10.0	-0.5	20.0
2-Chlorophenol	Ave	1.495	1.463	0.8000	9.79	10.0	-2.1	20.0
n-Decane	Ave	2.087	1.998		9.57	10.0	-4.3	20.0
1,3-Dichlorobenzene	Ave	1.542	1.520		9.86	10.0	-1.4	20.0
1,4-Dichlorobenzene	Ave	1.578	1.567		9.93	10.0	-0.7	20.0
Benzyl alcohol	Ave	0.9548	0.9285		9.72	10.0	-2.8	20.0
1,2-Dichlorobenzene	Ave	1.511	1.482		9.81	10.0	-1.9	20.0
2-Methylphenol	Ave	1.327	1.299	0.7000	9.78	10.0	-2.2	20.0
bis (2-chloroisopropyl) ether	Ave	2.522	2.325		9.22	10.0	-7.8	20.0
Indene	Ave	2.622	2.564		19.6	20.0	-2.2	20.0
3 & 4 Methylphenol	Ave	1.390	1.376		9.90	10.0	-1.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.9159	0.8578	0.5000	9.37	10.0	-6.3	20.0
Acetophenone	Ave	2.035	1.962	0.0100	9.64	10.0	-3.6	20.0
Hexachloroethane	Ave	0.6881	0.6762	0.3000	9.83	10.0	-1.7	20.0
Nitrobenzene	Ave	0.3728	0.3700	0.2000	9.93	10.0	-0.7	20.0
Isophorone	Ave	0.6715	0.6648	0.4000	9.90	10.0	-1.0	20.0
2-Nitrophenol	Ave	0.1801	0.1837	0.1000	10.2	10.0	2.0	20.0
2,4-Dimethylphenol	Ave	0.3720	0.3674	0.2000	9.88	10.0	-1.2	20.0
Benzoic acid	Ave	0.1741	0.1635		18.8	20.0	-6.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4019	0.3950	0.3000	9.83	10.0	-1.7	20.0
2,4-Dichlorophenol	Ave	0.2928	0.2990	0.2000	10.2	10.0	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3042	0.3011		9.90	10.0	-1.0	20.0
Naphthalene	Ave	1.048	1.038	0.7000	9.90	10.0	-1.0	20.0
4-Chloroaniline	Ave	0.4368	0.4263	0.0100	9.76	10.0	-2.4	20.0
2,6-Dichlorophenol	Ave	0.2922	0.2906		9.95	10.0	-0.5	20.0
Hexachlorobutadiene	Ave	0.1998	0.1947	0.0100	9.74	10.0	-2.6	20.0
Caprolactam	Ave	0.1035	0.1034	0.0100	20.0	20.0	-0.1	20.0
4-Chloro-3-methylphenol	Ave	0.3075	0.3043	0.2000	9.90	10.0	-1.0	20.0
2-Methylnaphthalene	Ave	0.7041	0.6761	0.4000	9.60	10.0	-4.0	20.0
1-Methylnaphthalene	Ave	0.6096	0.5970		9.79	10.0	-2.1	20.0
Hexachlorocyclopentadiene	Ave	0.3154	0.3422	0.0500	10.9	10.0	8.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5061	0.5005	0.0100	9.89	10.0	-1.1	20.0
2,4,6-Trichlorophenol	Ave	0.3644	0.3488	0.2000	9.57	10.0	-4.3	20.0
2,4,5-Trichlorophenol	Ave	0.3740	0.3662	0.2000	9.79	10.0	-2.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207287/2 Calibration Date: 11/18/2015 08:26

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51118002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.372	1.312	0.0100	9.56	10.0	-4.4	20.0
2-Chloronaphthalene	Ave	1.121	1.065	0.8000	9.50	10.0	-5.0	20.0
2-Nitroaniline	Ave	0.3783	0.3729	0.0100	9.86	10.0	-1.4	20.0
Dimethyl phthalate	Ave	1.289	1.250	0.0100	9.70	10.0	-3.0	20.0
1,3-Dinitrobenzene	Ave	0.1899	0.2002		10.5	10.0	5.5	20.0
2,6-Dinitrotoluene	Ave	0.2830	0.2745		9.70	10.0	-3.0	20.0
Acenaphthylene	Ave	1.667	1.659	0.9000	9.95	10.0	-0.5	20.0
3-Nitroaniline	Ave	0.3032	0.3043	0.0100	10.0	10.0	0.4	20.0
2,4-Dinitrophenol	Qua		0.1335	0.0100	21.7	20.0	8.4	20.0
Acenaphthene	Ave	1.062	1.023	0.9000	9.63	10.0	-3.7	20.0
4-Nitrophenol	Ave	0.2092	0.2027		19.4	20.0	-3.1	20.0
2,4-Dinitrotoluene	Ave	0.3688	0.3671	0.2000	9.95	10.0	-0.5	20.0
Dibenzofuran	Ave	1.579	1.528	0.8000	9.68	10.0	-3.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3249	0.3162	0.0100	9.73	10.0	-2.7	20.0
Diethyl phthalate	Ave	1.273	1.213	0.0100	9.53	10.0	-4.7	20.0
Hexadecane	Ave	0.6559	0.6269		9.56	10.0	-4.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5971	0.5767	0.4000	9.66	10.0	-3.4	20.0
4-Nitroaniline	Ave	0.3028	0.3105	0.0100	10.3	10.0	2.5	20.0
Fluorene	Ave	1.313	1.259	0.9000	9.59	10.0	-4.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1107	0.1240	0.0100	22.4	20.0	12.0	20.0
N-Nitrosodiphenylamine	Ave	0.5996	0.5882	0.0100	19.6	20.0	-1.9	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8232	0.8029		9.75	10.0	-2.5	20.0
Azobenzene	Ave	0.8237	0.8030		9.75	10.0	-2.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2290	0.2289	0.1000	10.0	10.0	-0.0	20.0
Hexachlorobenzene	Ave	0.2551	0.2411	0.1000	9.45	10.0	-5.5	20.0
Atrazine	Ave	0.2351	0.2276	0.0100	19.4	20.0	-3.2	20.0
Pentachlorophenol	Ave	0.1678	0.1647	0.0500	19.6	20.0	-1.9	20.0
n-Octadecane	Ave	1.038	0.9844		9.48	10.0	-5.2	20.0
Phenanthrene	Ave	1.147	1.113	0.7000	9.70	10.0	-3.0	20.0
Anthracene	Ave	1.161	1.140	0.7000	9.82	10.0	-1.8	20.0
Carbazole	Ave	1.066	1.059	0.0100	9.93	10.0	-0.7	20.0
Di-n-butyl phthalate	Ave	1.439	1.380	0.0100	9.59	10.0	-4.1	20.0
Fluoranthene	Ave	1.253	1.232	0.6000	9.83	10.0	-1.7	20.0
Benzidine	Ave	0.5133	0.5673		22.1	20.0	10.5	20.0
Pyrene	Ave	1.123	1.091	0.6000	9.72	10.0	-2.8	20.0
Butyl benzyl phthalate	Ave	0.5440	0.5266	0.0100	9.68	10.0	-3.2	20.0
3,3'-Dichlorobenzidine	Ave	0.3962	0.3966	0.0100	20.0	20.0	0.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7789	0.7507	0.0100	9.64	10.0	-3.6	20.0
Benzo[a]anthracene	Ave	1.081	1.045	0.8000	9.67	10.0	-3.3	20.0
Chrysene	Ave	0.995	0.9561	0.7000	9.61	10.0	-3.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207287/2 | Calibration Date: 11/18/2015 08:26

Instrument ID: A4HP10 | Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) | Calib End Date: 11/13/2015 13:36

Lab File ID: 51118002.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.621	1.532	0.0100	9.45	10.0	-5.5	20.0
Benzo[b]fluoranthene	Ave	1.177	1.184	0.7000	10.1	10.0	0.7	20.0
Benzo[k]fluoranthene	Ave	1.231	1.184	0.7000	9.62	10.0	-3.8	20.0
Benzo[a]pyrene	Ave	1.130	1.126	0.7000	9.96	10.0	-0.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.248	1.252	0.5000	10.0	10.0	0.3	20.0
Dibenz(a,h)anthracene	Ave	1.037	1.072	0.4000	10.3	10.0	3.4	20.0
Benzo[g,h,i]perylene	Ave	1.046	1.072	0.5000	10.2	10.0	2.5	20.0
2-Fluorophenol (Surr)	Ave	1.361	1.369		10.1	10.0	0.6	20.0
Phenol-d5 (Surr)	Ave	1.647	1.654		10.0	10.0	0.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4042	0.3889		9.62	10.0	-3.8	20.0
2-Fluorobiphenyl (Surr)	Ave	1.235	1.171		9.49	10.0	-5.1	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1856	0.1794		9.67	10.0	-3.3	20.0
Terphenyl-d14 (Surr)	Ave	0.8105	0.7725		9.53	10.0	-4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207541/2 Calibration Date: 11/19/2015 09:50

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51119002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5901	0.5882		9.97	10.0	-0.3	20.0
N-Nitrosodimethylamine	Ave	0.7688	0.7654		9.96	10.0	-0.4	20.0
Pyridine	Ave	1.381	1.421		10.3	10.0	2.9	20.0
Benzaldehyde	Ave	1.142	1.113	0.0100	19.5	20.0	-2.5	20.0
Phenol	Ave	1.754	1.764	0.8000	10.1	10.0	0.6	20.0
Aniline	Ave	2.152	2.156		10.0	10.0	0.2	20.0
Bis(2-chloroethyl)ether	Ave	1.382	1.427	0.7000	10.3	10.0	3.3	20.0
2-Chlorophenol	Ave	1.495	1.495	0.8000	10.0	10.0	0.0	20.0
n-Decane	Ave	2.087	2.036		9.76	10.0	-2.4	20.0
1,3-Dichlorobenzene	Ave	1.542	1.548		10.0	10.0	0.4	20.0
1,4-Dichlorobenzene	Ave	1.578	1.568		9.93	10.0	-0.7	20.0
Benzyl alcohol	Ave	0.9548	0.9173		9.61	10.0	-3.9	20.0
1,2-Dichlorobenzene	Ave	1.511	1.505		9.96	10.0	-0.4	20.0
2-Methylphenol	Ave	1.327	1.332	0.7000	10.0	10.0	0.3	20.0
bis (2-chloroisopropyl) ether	Ave	2.522	2.340		9.28	10.0	-7.2	20.0
Indene	Ave	2.622	2.616		20.0	20.0	-0.2	20.0
3 & 4 Methylphenol	Ave	1.390	1.403		10.1	10.0	0.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9159	0.8920	0.5000	9.74	10.0	-2.6	20.0
Acetophenone	Ave	2.035	2.022	0.0100	9.94	10.0	-0.6	20.0
Hexachloroethane	Ave	0.6881	0.6614	0.3000	9.61	10.0	-3.9	20.0
Nitrobenzene	Ave	0.3728	0.3624	0.2000	9.72	10.0	-2.8	20.0
Isophorone	Ave	0.6715	0.6755	0.4000	10.1	10.0	0.6	20.0
2-Nitrophenol	Ave	0.1801	0.1857	0.1000	10.3	10.0	3.1	20.0
2,4-Dimethylphenol	Ave	0.3720	0.3589	0.2000	9.65	10.0	-3.5	20.0
Benzoic acid	Ave	0.1741	0.1761		20.2	20.0	1.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4019	0.4102	0.3000	10.2	10.0	2.1	20.0
2,4-Dichlorophenol	Ave	0.2928	0.2957	0.2000	10.1	10.0	1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3042	0.3068		10.1	10.0	0.8	20.0
Naphthalene	Ave	1.048	1.032	0.7000	9.84	10.0	-1.6	20.0
4-Chloroaniline	Ave	0.4368	0.4345	0.0100	9.95	10.0	-0.5	20.0
2,6-Dichlorophenol	Ave	0.2922	0.2926		10.0	10.0	0.2	20.0
Hexachlorobutadiene	Ave	0.1998	0.1932	0.0100	9.67	10.0	-3.3	20.0
Caprolactam	Ave	0.1035	0.1060	0.0100	20.5	20.0	2.3	20.0
4-Chloro-3-methylphenol	Ave	0.3075	0.3057	0.2000	9.94	10.0	-0.6	20.0
2-Methylnaphthalene	Ave	0.7041	0.6947	0.4000	9.87	10.0	-1.3	20.0
1-Methylnaphthalene	Ave	0.6096	0.6073		9.96	10.0	-0.4	20.0
Hexachlorocyclopentadiene	Ave	0.3154	0.3065	0.0500	9.72	10.0	-2.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5061	0.5125	0.0100	10.1	10.0	1.3	20.0
2,4,6-Trichlorophenol	Ave	0.3644	0.3655	0.2000	10.0	10.0	0.3	20.0
2,4,5-Trichlorophenol	Ave	0.3740	0.3818	0.2000	10.2	10.0	2.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207541/2 Calibration Date: 11/19/2015 09:50

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51119002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.372	1.340	0.0100	9.77	10.0	-2.3	20.0
2-Chloronaphthalene	Ave	1.121	1.106	0.8000	9.87	10.0	-1.3	20.0
2-Nitroaniline	Ave	0.3783	0.3763	0.0100	9.95	10.0	-0.5	20.0
Dimethyl phthalate	Ave	1.289	1.295	0.0100	10.0	10.0	0.5	20.0
1,3-Dinitrobenzene	Ave	0.1899	0.1964		10.3	10.0	3.5	20.0
2,6-Dinitrotoluene	Ave	0.2830	0.2869		10.1	10.0	1.4	20.0
Acenaphthylene	Ave	1.667	1.687	0.9000	10.1	10.0	1.2	20.0
3-Nitroaniline	Ave	0.3032	0.3022	0.0100	9.97	10.0	-0.3	20.0
2,4-Dinitrophenol	Qua		0.1209	0.0100	20.0	20.0	0.1	20.0
Acenaphthene	Ave	1.062	1.052	0.9000	9.91	10.0	-0.9	20.0
4-Nitrophenol	Ave	0.2092	0.1975		18.9	20.0	-5.6	20.0
2,4-Dinitrotoluene	Ave	0.3688	0.3859	0.2000	10.5	10.0	4.6	20.0
Dibenzofuran	Ave	1.579	1.580	0.8000	10.0	10.0	0.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3249	0.3237	0.0100	9.96	10.0	-0.4	20.0
Diethyl phthalate	Ave	1.273	1.286	0.0100	10.1	10.0	1.1	20.0
Hexadecane	Ave	0.6559	0.6230		9.50	10.0	-5.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5971	0.6034	0.4000	10.1	10.0	1.1	20.0
4-Nitroaniline	Ave	0.3028	0.3153	0.0100	10.4	10.0	4.1	20.0
Fluorene	Ave	1.313	1.316	0.9000	10.0	10.0	0.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1107	0.1106	0.0100	20.0	20.0	-0.0	20.0
N-Nitrosodiphenylamine	Ave	0.5996	0.5952	0.0100	19.9	20.0	-0.7	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8232	0.8009		9.72	10.0	-2.7	20.0
Azobenzene	Ave	0.8237	0.8017		9.73	10.0	-2.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2290	0.2321	0.1000	10.1	10.0	1.3	20.0
Hexachlorobenzene	Ave	0.2551	0.2502	0.1000	9.81	10.0	-1.9	20.0
Atrazine	Ave	0.2351	0.2364	0.0100	20.1	20.0	0.5	20.0
Pentachlorophenol	Ave	0.1678	0.1624	0.0500	19.4	20.0	-3.2	20.0
n-Octadecane	Ave	1.038	1.027		9.90	10.0	-1.0	20.0
Phenanthrene	Ave	1.147	1.115	0.7000	9.72	10.0	-2.8	20.0
Anthracene	Ave	1.161	1.132	0.7000	9.76	10.0	-2.4	20.0
Carbazole	Ave	1.066	1.069	0.0100	10.0	10.0	0.2	20.0
Di-n-butyl phthalate	Ave	1.439	1.416	0.0100	9.84	10.0	-1.6	20.0
Fluoranthene	Ave	1.253	1.236	0.6000	9.87	10.0	-1.3	20.0
Benzidine	Ave	0.5133	0.5352		20.9	20.0	4.3	20.0
Pyrene	Ave	1.123	1.098	0.6000	9.78	10.0	-2.2	20.0
Butyl benzyl phthalate	Ave	0.5440	0.5500	0.0100	10.1	10.0	1.1	20.0
3,3'-Dichlorobenzidine	Ave	0.3962	0.3948	0.0100	19.9	20.0	-0.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7789	0.7805	0.0100	10.0	10.0	0.2	20.0
Benzo[a]anthracene	Ave	1.081	1.062	0.8000	9.83	10.0	-1.7	20.0
Chrysene	Ave	0.995	0.9889	0.7000	9.94	10.0	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207541/2 Calibration Date: 11/19/2015 09:50

Instrument ID: A4HP10 Calib Start Date: 11/13/2015 09:35

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2015 13:36

Lab File ID: 51119002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.621	1.642	0.0100	10.1	10.0	1.3	20.0
Benzo[b]fluoranthene	Ave	1.177	1.193	0.7000	10.1	10.0	1.4	20.0
Benzo[k]fluoranthene	Ave	1.231	1.261	0.7000	10.2	10.0	2.5	20.0
Benzo[a]pyrene	Ave	1.130	1.165	0.7000	10.3	10.0	3.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.248	1.281	0.5000	10.3	10.0	2.6	20.0
Dibenz(a,h)anthracene	Ave	1.037	1.062	0.4000	10.2	10.0	2.4	20.0
Benzo[g,h,i]perylene	Ave	1.046	1.082	0.5000	10.3	10.0	3.4	20.0
2-Fluorophenol (Surr)	Ave	1.361	1.362		10.0	10.0	0.1	20.0
Phenol-d5 (Surr)	Ave	1.647	1.654		10.0	10.0	0.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4042	0.3851		9.53	10.0	-4.7	20.0
2-Fluorobiphenyl (Surr)	Ave	1.235	1.220		9.88	10.0	-1.2	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1856	0.1869		10.1	10.0	0.7	20.0
Terphenyl-d14 (Surr)	Ave	0.8105	0.7851		9.69	10.0	-3.1	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206887/23-A

Matrix: Solid | Lab File ID: 51119007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 11:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206887/23-A

Matrix: Solid | Lab File ID: 51119007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 11:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	34.7	J	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206887/23-A

Matrix: Solid | Lab File ID: 51119007.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 11:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	77		36-110
4165-62-2	Phenol-d5 (Surr)	72		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	67		20-110
367-12-4	2-Fluorophenol (Surr)	65		24-110
321-60-8	2-Fluorobiphenyl (Surr)	74		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	43		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206908/21-A

Matrix: Solid | Lab File ID: 51118003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 08:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206908/21-A

Matrix: Solid | Lab File ID: 51118003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 08:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	61.2	J	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206908/21-A

Matrix: Solid | Lab File ID: 51118003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 08:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	74		36-110
4165-62-2	Phenol-d5 (Surr)	73		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	67		20-110
367-12-4	2-Fluorophenol (Surr)	70		24-110
321-60-8	2-Fluorobiphenyl (Surr)	70		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	30		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206887/24-A

Matrix: Solid | Lab File ID: 51119008.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 12:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	486		50	3.5
108-60-1	bis (2-chloroisopropyl) ether	490		100	9.5
95-95-4	2,4,5-Trichlorophenol	484		150	25
88-06-2	2,4,6-Trichlorophenol	468		150	8.9
120-83-2	2,4-Dichlorophenol	499		150	20
105-67-9	2,4-Dimethylphenol	428		150	20
51-28-5	2,4-Dinitrophenol	583		330	21
121-14-2	2,4-Dinitrotoluene	537		200	17
606-20-2	2,6-Dinitrotoluene	539		200	21
91-58-7	2-Chloronaphthalene	491		50	0.45
95-57-8	2-Chlorophenol	509		50	8.2
91-57-6	2-Methylnaphthalene	503		6.7	0.50
95-48-7	2-Methylphenol	500		200	11
88-74-4	2-Nitroaniline	507		200	9.1
88-75-5	2-Nitrophenol	509		50	8.3
91-94-1	3,3'-Dichlorobenzidine	770		100	18
99-09-2	3-Nitroaniline	450		200	16
534-52-1	4,6-Dinitro-2-methylphenol	727		150	9.2
101-55-3	4-Bromophenyl phenyl ether	539		50	13
59-50-7	4-Chloro-3-methylphenol	518		150	21
106-47-8	4-Chloroaniline	358		150	17
7005-72-3	4-Chlorophenyl phenyl ether	513		50	13
100-01-6	4-Nitroaniline	534		200	26
100-02-7	4-Nitrophenol	929		330	17
83-32-9	Acenaphthene	487		6.7	0.76
208-96-8	Acenaphthylene	498		6.7	0.35
98-86-2	Acetophenone	491		100	9.2
120-12-7	Anthracene	510		6.7	0.78
1912-24-9	Atrazine	1060		200	9.1
100-52-7	Benzaldehyde	1010		100	12
56-55-3	Benzo[a]anthracene	517		6.7	0.63
50-32-8	Benzo[a]pyrene	509		6.7	0.64
205-99-2	Benzo[b]fluoranthene	509		6.7	0.59
191-24-2	Benzo[g,h,i]perylene	518		6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206887/24-A

Matrix: Solid | Lab File ID: 51119008.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 12:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	530		6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	526		100	22
111-44-4	Bis(2-chloroethyl)ether	515		100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	607		70	19
85-68-7	Butyl benzyl phthalate	545		70	10
105-60-2	Caprolactam	1100		330	37
86-74-8	Carbazole	530		50	27
218-01-9	Chrysene	538		6.7	1.1
53-70-3	Dibenz(a,h)anthracene	504		6.7	0.66
132-64-9	Dibenzofuran	499		50	0.66
84-66-2	Diethyl phthalate	544		70	16
131-11-3	Dimethyl phthalate	523		70	17
84-74-2	Di-n-butyl phthalate	549		70	15
117-84-0	Di-n-octyl phthalate	515		70	7.9
206-44-0	Fluoranthene	528		6.7	0.55
86-73-7	Fluorene	491		6.7	0.53
118-74-1	Hexachlorobenzene	518		6.7	2.1
87-68-3	Hexachlorobutadiene	490		50	5.6
77-47-4	Hexachlorocyclopentadiene	320	J	330	8.1
67-72-1	Hexachloroethane	473		50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	515		6.7	0.35
78-59-1	Isophorone	527		50	13
621-64-7	N-Nitrosodi-n-propylamine	513		50	6.3
86-30-6	N-Nitrosodiphenylamine	1030		50	21
91-20-3	Naphthalene	505		6.7	0.82
98-95-3	Nitrobenzene	508		100	2.2
87-86-5	Pentachlorophenol	665		150	9.1
85-01-8	Phenanthrene	516		6.7	0.73
108-95-2	Phenol	509		50	7.3
129-00-0	Pyrene	507		6.7	0.44
15831-10-4	3 & 4 Methylphenol	501		400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206887/24-A

Matrix: Solid | Lab File ID: 51119008.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 08:48

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 12:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	78		36-110
4165-62-2	Phenol-d5 (Surr)	80		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	73		20-110
367-12-4	2-Fluorophenol (Surr)	80		24-110
321-60-8	2-Fluorobiphenyl (Surr)	77		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	69		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206908/22-A

Matrix: Solid | Lab File ID: 51118004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 09:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	442		50	3.5
108-60-1	bis (2-chloroisopropyl) ether	446		100	9.5
95-95-4	2,4,5-Trichlorophenol	387		150	25
88-06-2	2,4,6-Trichlorophenol	286		150	8.9
120-83-2	2,4-Dichlorophenol	461		150	20
105-67-9	2,4-Dimethylphenol	467		150	20
51-28-5	2,4-Dinitrophenol	611		330	21
121-14-2	2,4-Dinitrotoluene	488		200	17
606-20-2	2,6-Dinitrotoluene	480		200	21
91-58-7	2-Chloronaphthalene	463		50	0.45
95-57-8	2-Chlorophenol	445		50	8.2
91-57-6	2-Methylnaphthalene	458		6.7	0.50
95-48-7	2-Methylphenol	453		200	11
88-74-4	2-Nitroaniline	485		200	9.1
88-75-5	2-Nitrophenol	461		50	8.3
91-94-1	3,3'-Dichlorobenzidine	732		100	18
99-09-2	3-Nitroaniline	432		200	16
534-52-1	4,6-Dinitro-2-methylphenol	779		150	9.2
101-55-3	4-Bromophenyl phenyl ether	488		50	13
59-50-7	4-Chloro-3-methylphenol	474		150	21
106-47-8	4-Chloroaniline	349		150	17
7005-72-3	4-Chlorophenyl phenyl ether	467		50	13
100-01-6	4-Nitroaniline	503		200	26
100-02-7	4-Nitrophenol	881		330	17
83-32-9	Acenaphthene	464		6.7	0.76
208-96-8	Acenaphthylene	462		6.7	0.35
98-86-2	Acetophenone	438		100	9.2
120-12-7	Anthracene	471		6.7	0.78
1912-24-9	Atrazine	971		200	9.1
100-52-7	Benzaldehyde	909		100	12
56-55-3	Benzo[a]anthracene	466		6.7	0.63
50-32-8	Benzo[a]pyrene	466		6.7	0.64
205-99-2	Benzo[b]fluoranthene	452		6.7	0.59
191-24-2	Benzo[g,h,i]perylene	476		6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206908/22-A

Matrix: Solid | Lab File ID: 51118004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 09:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	469		6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	486		100	22
111-44-4	Bis(2-chloroethyl)ether	453		100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	704		70	19
85-68-7	Butyl benzyl phthalate	489		70	10
105-60-2	Caprolactam	1050		330	37
86-74-8	Carbazole	488		50	27
218-01-9	Chrysene	495		6.7	1.1
53-70-3	Dibenz(a,h)anthracene	469		6.7	0.66
132-64-9	Dibenzofuran	464		50	0.66
84-66-2	Diethyl phthalate	490		70	16
131-11-3	Dimethyl phthalate	479		70	17
84-74-2	Di-n-butyl phthalate	489		70	15
117-84-0	Di-n-octyl phthalate	445		70	7.9
206-44-0	Fluoranthene	473		6.7	0.55
86-73-7	Fluorene	454		6.7	0.53
118-74-1	Hexachlorobenzene	477		6.7	2.1
87-68-3	Hexachlorobutadiene	447		50	5.6
77-47-4	Hexachlorocyclopentadiene	397		330	8.1
67-72-1	Hexachloroethane	418		50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	477		6.7	0.35
78-59-1	Isophorone	478		50	13
621-64-7	N-Nitrosodi-n-propylamine	451		50	6.3
86-30-6	N-Nitrosodiphenylamine	946		50	21
91-20-3	Naphthalene	462		6.7	0.82
98-95-3	Nitrobenzene	467		100	2.2
87-86-5	Pentachlorophenol	669		150	9.1
85-01-8	Phenanthrene	471		6.7	0.73
108-95-2	Phenol	456		50	7.3
129-00-0	Pyrene	475		6.7	0.44
15831-10-4	3 & 4 Methylphenol	448		400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206908/22-A

Matrix: Solid | Lab File ID: 51118004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30(g) | Date Analyzed: 11/18/2015 09:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207287 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	71		36-110
4165-62-2	Phenol-d5 (Surr)	71		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	70		20-110
367-12-4	2-Fluorophenol (Surr)	70		24-110
321-60-8	2-Fluorobiphenyl (Surr)	70		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	42		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MS | Lab Sample ID: 240-57930-5 MS

Matrix: Solid | Lab File ID: 51119015.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.06(g) | Date Analyzed: 11/19/2015 15:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	547		59	4.1
108-60-1	bis (2-chloroisopropyl) ether	561		120	11
95-95-4	2,4,5-Trichlorophenol	554		180	29
88-06-2	2,4,6-Trichlorophenol	543		180	10
120-83-2	2,4-Dichlorophenol	567		180	24
105-67-9	2,4-Dimethylphenol	554		180	24
51-28-5	2,4-Dinitrophenol	752		390	25
121-14-2	2,4-Dinitrotoluene	582		240	20
606-20-2	2,6-Dinitrotoluene	567		240	25
91-58-7	2-Chloronaphthalene	547		59	0.53
95-57-8	2-Chlorophenol	587		59	9.7
91-57-6	2-Methylnaphthalene	564		7.9	0.59
95-48-7	2-Methylphenol	587		240	13
88-74-4	2-Nitroaniline	558		240	11
88-75-5	2-Nitrophenol	553		59	9.8
91-94-1	3,3'-Dichlorobenzidine	856		120	21
99-09-2	3-Nitroaniline	491		240	19
534-52-1	4,6-Dinitro-2-methylphenol	856		180	11
101-55-3	4-Bromophenyl phenyl ether	597		59	15
59-50-7	4-Chloro-3-methylphenol	598		180	25
106-47-8	4-Chloroaniline	401		180	20
7005-72-3	4-Chlorophenyl phenyl ether	567		59	15
100-01-6	4-Nitroaniline	510		240	31
100-02-7	4-Nitrophenol	1030		390	20
83-32-9	Acenaphthene	557		7.9	0.90
208-96-8	Acenaphthylene	562		7.9	0.41
98-86-2	Acetophenone	559		120	11
120-12-7	Anthracene	552		7.9	0.92
1912-24-9	Atrazine	1150		240	11
100-52-7	Benzaldehyde	1160		120	14
56-55-3	Benzo[a]anthracene	567		7.9	0.74
50-32-8	Benzo[a]pyrene	564		7.9	0.75
205-99-2	Benzo[b]fluoranthene	560		7.9	0.70
191-24-2	Benzo[g,h,i]perylene	561		7.9	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MS | Lab Sample ID: 240-57930-5 MS

Matrix: Solid | Lab File ID: 51119015.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.06(g) | Date Analyzed: 11/19/2015 15:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	576		7.9	0.80
111-91-1	Bis(2-chloroethoxy)methane	605		120	26
111-44-4	Bis(2-chloroethyl)ether	593		120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	613		83	22
85-68-7	Butyl benzyl phthalate	601		83	12
105-60-2	Caprolactam	1300		390	44
86-74-8	Carbazole	537		59	32
218-01-9	Chrysene	586		7.9	1.3
53-70-3	Dibenz(a,h)anthracene	564		7.9	0.78
132-64-9	Dibenzofuran	562		59	0.78
84-66-2	Diethyl phthalate	591		83	19
131-11-3	Dimethyl phthalate	575		83	20
84-74-2	Di-n-butyl phthalate	585		83	18
117-84-0	Di-n-octyl phthalate	570		83	9.3
206-44-0	Fluoranthene	574		7.9	0.65
86-73-7	Fluorene	553		7.9	0.62
118-74-1	Hexachlorobenzene	551		7.9	2.5
87-68-3	Hexachlorobutadiene	543		59	6.6
77-47-4	Hexachlorocyclopentadiene	315	J	390	9.5
67-72-1	Hexachloroethane	519		59	11
193-39-5	Indeno[1,2,3-cd]pyrene	558		7.9	0.41
78-59-1	Isophorone	596		59	15
621-64-7	N-Nitrosodi-n-propylamine	570		59	7.4
86-30-6	N-Nitrosodiphenylamine	1140		59	25
91-20-3	Naphthalene	563		7.9	0.97
98-95-3	Nitrobenzene	571		120	2.6
87-86-5	Pentachlorophenol	863		180	11
85-01-8	Phenanthrene	560		7.9	0.86
108-95-2	Phenol	583		59	8.6
129-00-0	Pyrene	579		7.9	0.52
15831-10-4	3 & 4 Methylphenol	578		470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MS | Lab Sample ID: 240-57930-5 MS

Matrix: Solid | Lab File ID: 51119015.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 30.06(g) | Date Analyzed: 11/19/2015 15:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	76		36-110
4165-62-2	Phenol-d5 (Surr)	78		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	73		20-110
367-12-4	2-Fluorophenol (Surr)	78		24-110
321-60-8	2-Fluorobiphenyl (Surr)	74		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	72		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MSD | Lab Sample ID: 240-57930-5 MSD

Matrix: Solid | Lab File ID: 51119016.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.87(g) | Date Analyzed: 11/19/2015 15:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	534		59	4.2
108-60-1	bis (2-chloroisopropyl) ether	534		120	11
95-95-4	2,4,5-Trichlorophenol	553		180	30
88-06-2	2,4,6-Trichlorophenol	506		180	11
120-83-2	2,4-Dichlorophenol	568		180	24
105-67-9	2,4-Dimethylphenol	535		180	24
51-28-5	2,4-Dinitrophenol	741		390	25
121-14-2	2,4-Dinitrotoluene	593		240	20
606-20-2	2,6-Dinitrotoluene	567		240	25
91-58-7	2-Chloronaphthalene	545		59	0.53
95-57-8	2-Chlorophenol	546		59	9.7
91-57-6	2-Methylnaphthalene	568		7.9	0.59
95-48-7	2-Methylphenol	554		240	13
88-74-4	2-Nitroaniline	568		240	11
88-75-5	2-Nitrophenol	555		59	9.8
91-94-1	3,3'-Dichlorobenzidine	899		120	21
99-09-2	3-Nitroaniline	483		240	19
534-52-1	4,6-Dinitro-2-methylphenol	875		180	11
101-55-3	4-Bromophenyl phenyl ether	593		59	15
59-50-7	4-Chloro-3-methylphenol	579		180	25
106-47-8	4-Chloroaniline	419		180	20
7005-72-3	4-Chlorophenyl phenyl ether	571		59	15
100-01-6	4-Nitroaniline	524		240	31
100-02-7	4-Nitrophenol	1020		390	20
83-32-9	Acenaphthene	542		7.9	0.90
208-96-8	Acenaphthylene	552		7.9	0.42
98-86-2	Acetophenone	538		120	11
120-12-7	Anthracene	564		7.9	0.93
1912-24-9	Atrazine	1190		240	11
100-52-7	Benzaldehyde	1100		120	14
56-55-3	Benzo[a]anthracene	580		7.9	0.75
50-32-8	Benzo[a]pyrene	588		7.9	0.76
205-99-2	Benzo[b]fluoranthene	575		7.9	0.70
191-24-2	Benzo[g,h,i]perylene	571		7.9	0.42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MSD | Lab Sample ID: 240-57930-5 MSD

Matrix: Solid | Lab File ID: 51119016.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.87(g) | Date Analyzed: 11/19/2015 15:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	598		7.9	0.81
111-91-1	Bis(2-chloroethoxy)methane	594		120	26
111-44-4	Bis(2-chloroethyl)ether	564		120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	627		83	23
85-68-7	Butyl benzyl phthalate	617		83	12
105-60-2	Caprolactam	1320		390	44
86-74-8	Carbazole	545		59	32
218-01-9	Chrysene	608		7.9	1.3
53-70-3	Dibenz(a,h)anthracene	575		7.9	0.78
132-64-9	Dibenzofuran	552		59	0.78
84-66-2	Diethyl phthalate	590		83	19
131-11-3	Dimethyl phthalate	576		83	20
84-74-2	Di-n-butyl phthalate	593		83	18
117-84-0	Di-n-octyl phthalate	592		83	9.4
206-44-0	Fluoranthene	578		7.9	0.65
86-73-7	Fluorene	545		7.9	0.63
118-74-1	Hexachlorobenzene	562		7.9	2.5
87-68-3	Hexachlorobutadiene	548		59	6.6
77-47-4	Hexachlorocyclopentadiene	238	J	390	9.6
67-72-1	Hexachloroethane	485		59	11
193-39-5	Indeno[1,2,3-cd]pyrene	579		7.9	0.42
78-59-1	Isophorone	586		59	15
621-64-7	N-Nitrosodi-n-propylamine	540		59	7.5
86-30-6	N-Nitrosodiphenylamine	1130		59	25
91-20-3	Naphthalene	559		7.9	0.97
98-95-3	Nitrobenzene	562		120	2.6
87-86-5	Pentachlorophenol	793		180	11
85-01-8	Phenanthrene	567		7.9	0.87
108-95-2	Phenol	554		59	8.7
129-00-0	Pyrene	586		7.9	0.52
15831-10-4	3 & 4 Methylphenol	544		470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 MSD | Lab Sample ID: 240-57930-5 MSD

Matrix: Solid | Lab File ID: 51119016.D

Analysis Method: 8270D | Date Collected: 11/13/2015 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2015 09:20

Sample wt/vol: 29.87(g) | Date Analyzed: 11/19/2015 15:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207541 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	75		36-110
4165-62-2	Phenol-d5 (Surr)	74		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	71		20-110
367-12-4	2-Fluorophenol (Surr)	73		24-110
321-60-8	2-Fluorobiphenyl (Surr)	72		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	64		10-110

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Start Date: 11/13/2015 09:10

Analysis Batch Number: 206629 End Date: 11/13/2015 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-206629/1		11/13/2015 09:10	1	51113001.D	DB-624 0.18(mm)
STD5 240-206629/2 IC		11/13/2015 09:35	1	51113002.D	DB-624 0.18(mm)
STD4 240-206629/3 IC		11/13/2015 09:59	1	51113003.D	DB-624 0.18(mm)
STD3 240-206629/4 IC		11/13/2015 10:23	1	51113004.D	DB-624 0.18(mm)
STD2 240-206629/5 IC		11/13/2015 10:48	1	51113005.D	DB-624 0.18(mm)
STD1 240-206629/6 IC		11/13/2015 11:12	1	51113006.D	DB-624 0.18(mm)
STD8 240-206629/8 IC		11/13/2015 12:00	1	51113008.D	DB-624 0.18(mm)
STD7 240-206629/9 IC		11/13/2015 12:24	1	51113009.D	DB-624 0.18(mm)
STD6 240-206629/10 ICIS		11/13/2015 12:48	1	51113010.D	DB-624 0.18(mm)
ICV 240-206629/11		11/13/2015 13:12	1	51113011.D	DB-624 0.18(mm)
STD9 240-206629/12 IC		11/13/2015 13:36	1	51113012.D	DB-624 0.18(mm)
ZZZZZ		11/13/2015 14:01	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 14:25	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 14:49	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 15:13	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 15:37	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 16:01	1		DB-624 0.18(mm)
ZZZZZ		11/13/2015 19:38	4		DB-624 0.18(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Start Date: 11/18/2015 08:03

Analysis Batch Number: 207287 End Date: 11/18/2015 19:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-207287/1		11/18/2015 08:03	1	51118001.D	DB-624 0.18(mm)
CCV 240-207287/2 CCVIS		11/18/2015 08:26	1	51118002.D	DB-624 0.18(mm)
MB 240-206908/21-A		11/18/2015 08:51	1	51118003.D	DB-624 0.18(mm)
LCS 240-206908/22-A		11/18/2015 09:15	1	51118004.D	DB-624 0.18(mm)
ZZZZZ		11/18/2015 10:03	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 10:27	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 10:51	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 11:15	6.667		DB-624 0.18(mm)
ZZZZZ		11/18/2015 11:40	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 12:04	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 12:28	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 12:52	1		DB-624 0.18(mm)
ZZZZZ		11/18/2015 18:30	20		DB-624 0.18(mm)
ZZZZZ		11/18/2015 18:54	20		DB-624 0.18(mm)
ZZZZZ		11/18/2015 19:18	20		DB-624 0.18(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A4HP10 Start Date: 11/19/2015 09:29

Analysis Batch Number: 207541 End Date: 11/19/2015 20:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-207541/1		11/19/2015 09:29	1	51119001.D	DB-624 0.18(mm)
CCV 240-207541/2 CCVIS		11/19/2015 09:50	1	51119002.D	DB-624 0.18(mm)
ZZZZZ		11/19/2015 11:02	1		DB-624 0.18(mm)
ZZZZZ		11/19/2015 11:26	1		DB-624 0.18(mm)
MB 240-206887/23-A		11/19/2015 11:50	1	51119007.D	DB-624 0.18(mm)
LCS 240-206887/24-A		11/19/2015 12:13	1	51119008.D	DB-624 0.18(mm)
240-57930-5	F-VB-UST-P-1	11/19/2015 14:37	1	51119014.D	DB-624 0.18(mm)
240-57930-5 MS	F-VB-UST-P-1 MS	11/19/2015 15:00	1	51119015.D	DB-624 0.18(mm)
240-57930-5 MSD	F-VB-UST-P-1 MSD	11/19/2015 15:24	1	51119016.D	DB-624 0.18(mm)
240-57930-6	F-VB-UST-P-2	11/19/2015 15:48	1	51119017.D	DB-624 0.18(mm)
240-57930-7	F-VB-UST-P-3	11/19/2015 16:12	1	51119018.D	DB-624 0.18(mm)
240-57930-8	F-VB-UST-P-4	11/19/2015 16:36	1	51119019.D	DB-624 0.18(mm)
240-57930-9	F-VB-UST-P-5	11/19/2015 17:00	1	51119020.D	DB-624 0.18(mm)
240-57930-10	F-VB-UST-P-6	11/19/2015 17:23	1	51119021.D	DB-624 0.18(mm)
240-57930-2	F-VS-UST-P-2	11/19/2015 19:23	1	51119026.D	DB-624 0.18(mm)
240-57930-1	F-VS-UST-P-1	11/19/2015 19:46	1	51119027.D	DB-624 0.18(mm)
240-57930-11	F-VS-UST-P-DUP	11/19/2015 20:10	1	51119028.D	DB-624 0.18(mm)
240-57930-4	F-VS-UST-P-4	11/19/2015 20:34	1	51119029.D	DB-624 0.18(mm)
240-57930-3	F-VS-UST-P-3	11/19/2015 20:57	2.5	51119030.D	DB-624 0.18(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 206887 Batch Start Date: 11/16/15 11:50 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/17/15 03:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57930-D-6	F-VB-UST-P-2	3540C, 8270D	T	30.05 g	2 mL			1 mL	
240-57930-D-7	F-VB-UST-P-3	3540C, 8270D	T	30.21 g	2 mL			1 mL	
240-57930-D-8	F-VB-UST-P-4	3540C, 8270D	T	29.80 g	2 mL			1 mL	
240-57930-D-9	F-VB-UST-P-5	3540C, 8270D	T	29.71 g	2 mL			1 mL	
240-57930-D-10	F-VB-UST-P-6	3540C, 8270D	T	30.14 g	2 mL			1 mL	
240-57930-D-11	F-VS-UST-P-DUP	3540C, 8270D	T	30.46 g	2 mL			1 mL	
MB 240-206887/23		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-206887/24		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2287348

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 206908 Batch Start Date: 11/16/15 11:50 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/17/15 03:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57930-D-1	F-VS-UST-P-1	3540C, 8270D	T	29.52 g	2 mL			1 mL	
240-57930-D-2	F-VS-UST-P-2	3540C, 8270D	T	29.77 g	2 mL			1 mL	
240-57930-D-3	F-VS-UST-P-3	3540C, 8270D	T	30.26 g	2 mL			1 mL	
240-57930-D-4	F-VS-UST-P-4	3540C, 8270D	T	30.32 g	2 mL			1 mL	
240-57930-D-5	F-VB-UST-P-1	3540C, 8270D	T	30.24 g	2 mL			1 mL	
240-57930-D-5 MS	F-VB-UST-P-1	3540C, 8270D	T	30.06 g	2 mL	1 mL	1 mL	1 mL	
240-57930-D-5 MSD	F-VB-UST-P-1	3540C, 8270D	T	29.87 g	2 mL	1 mL	1 mL	1 mL	
MB 240-206908/21		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-206908/22		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2287348

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - GRO

Nonhalogenated Organics using GC/FID - Modified (Gasoline Range Organics) by Method 8015C

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45(mm)

Client Sample ID	Lab Sample ID	TFT1 #
F-VS-UST-P-1	240-57930-1	69
F-VS-UST-P-2	240-57930-2	78
F-VS-UST-P-3	240-57930-3	75
F-VS-UST-P-4	240-57930-4	67
F-VB-UST-P-1	240-57930-5	72
F-VB-UST-P-2	240-57930-6	64
F-VB-UST-P-3	240-57930-7	72
F-VB-UST-P-4	240-57930-8	53
F-VB-UST-P-5	240-57930-9	51
F-VB-UST-P-6	240-57930-10	72
F-VS-UST-P-DUP	240-57930-11	70
	MB 240-206878/1-A	71
	MB 240-207078/1-A	79
	MB 240-207274/1-A	78
	LCS 240-206878/2-A	72
	LCS 240-207078/2-A	101
	LCS 240-207274/2-A	101
F-VS-UST-P-DUP MS	240-57930-11 MS	87
	240-57774-C-8-J MS	100
F-VS-UST-P-DUP MSD	240-57930-11 MSD	73
	240-57774-C-8-K MSD	100

	QC LIMITS
TFT = Trifluorotoluene (Surr)	40-139

Column to be used to flag recovery values

FORM II 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0111610.D

Lab ID: LCS 240-206878/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	651	81	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111706.D

Lab ID: LCS 240-207078/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	889	111	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111818.D

Lab ID: LCS 240-207274/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	836	104	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0111623.D

Lab ID: 240-57930-11 MS Client ID: F-VS-UST-P-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	10100	1800	9930	80	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111715.D

Lab ID: 240-57774-C-8-J MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	899	52 U	906	101	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0111624.D

Lab ID: 240-57930-11 MSD Client ID: F-VS-UST-P-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	9290	9080	78	9	40	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111716.D

Lab ID: 240-57774-C-8-K MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	896	902	101	0	40	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-206878/1-A

Matrix: Solid Date Extracted: 11/16/2015 08:12

Lab File ID:(1) Y0111609.D Lab File ID:(2)

Date Analyzed:(1) 11/16/2015 10:10 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206878/2-A	11/16/2015 10:45	
F-VS-UST-P-1	240-57930-1	11/16/2015 11:18	
F-VS-UST-P-4	240-57930-4	11/16/2015 13:01	
F-VB-UST-P-1	240-57930-5	11/16/2015 13:36	
F-VB-UST-P-2	240-57930-6	11/16/2015 14:12	
F-VB-UST-P-3	240-57930-7	11/16/2015 15:19	
F-VB-UST-P-4	240-57930-8	11/16/2015 15:56	
F-VB-UST-P-5	240-57930-9	11/16/2015 16:30	
F-VB-UST-P-6	240-57930-10	11/16/2015 17:05	
F-VS-UST-P-DUP	240-57930-11	11/16/2015 17:40	
F-VS-UST-P-DUP MS	240-57930-11 MS	11/16/2015 18:14	
F-VS-UST-P-DUP MSD	240-57930-11 MSD	11/16/2015 18:49	

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-207078/1-A

Matrix: Solid Date Extracted: 11/17/2015 07:48

Lab File ID:(1) A0111705.D Lab File ID:(2)

Date Analyzed:(1) 11/17/2015 09:24 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-207078/2-A	11/17/2015 10:01	
F-VS-UST-P-2	240-57930-2	11/17/2015 10:39	
	240-57774-C-8-J MS	11/17/2015 15:35	
	240-57774-C-8-K MSD	11/17/2015 16:12	

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-207274/1-A

Matrix: Solid Date Extracted: 11/18/2015 06:57

Lab File ID:(1) A0111817.D Lab File ID:(2)

Date Analyzed:(1) 11/18/2015 15:48 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-207274/2-A	11/18/2015 16:26	
F-VS-UST-P-3	240-57930-3	11/18/2015 17:04	

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD4 240-194508/10 Date Analyzed: 08/24/2015 15:53

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0082110.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
INITIAL CALIBRATION SURROGATE				10.34		
UPPER LIMIT				10.44		
LOWER LIMIT				10.24		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD4 240-194508/10 ICRT		08/24/2015 15:53	A0082110.D	10.34		
ICV 240-194508/13		08/24/2015 17:45	A0082113.D	10.34		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVRT 240-207037/4 Date Analyzed: 11/17/2015 07:24

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111704.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.37		
UPPER LIMIT				10.47		
LOWER LIMIT				10.27		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-207037/4		11/17/2015 07:24	A0111704.D	10.37		
MB 240-207078/1-A		11/17/2015 09:24	A0111705.D	10.36		
LCS 240-207078/2-A		11/17/2015 10:01	A0111706.D	10.37		
240-57930-2	F-VS-UST-P-2	11/17/2015 10:39	A0111707.D	10.37		
CCV 240-207037/11		11/17/2015 13:07	A0111711.D	10.37		
240-57774-C-8-J MS		11/17/2015 15:35	A0111715.D	10.37		
240-57774-C-8-K MSD		11/17/2015 16:12	A0111716.D	10.37		
CCV 240-207037/17		11/17/2015 16:49	A0111717.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVRT 240-207246/4 Date Analyzed: 11/18/2015 07:31

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111804.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.37		
UPPER LIMIT				10.47		
LOWER LIMIT				10.27		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-207246/4		11/18/2015 07:31	A0111804.D	10.37		
CCV 240-207246/16		11/18/2015 15:12	A0111816.D	10.37		
MB 240-207274/1-A		11/18/2015 15:48	A0111817.D	10.37		
LCS 240-207274/2-A		11/18/2015 16:26	A0111818.D	10.37		
240-57930-3	F-VS-UST-P-3	11/18/2015 17:04	A0111819.D	10.37		
CCV 240-207246/26		11/18/2015 21:24	A0111826.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVRT 240-206833/4 Date Analyzed: 11/16/2015 07:13

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): Y0111604.D Heated Purge: (Y/N) N

Calibration ID: 31080

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.74		
UPPER LIMIT				9.84		
LOWER LIMIT				9.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-206833/4		11/16/2015 07:13	Y0111604.D	9.74		
CCV 240-206833/8		11/16/2015 09:37	Y0111608.D	9.75		
MB 240-206878/1-A		11/16/2015 10:10	Y0111609.D	9.73		
LCS 240-206878/2-A		11/16/2015 10:45	Y0111610.D	9.75		
240-57930-1	F-VS-UST-P-1	11/16/2015 11:18	Y0111611.D	9.73		
240-57930-4	F-VS-UST-P-4	11/16/2015 13:01	Y0111614.D	9.73		
240-57930-5	F-VB-UST-P-1	11/16/2015 13:36	Y0111615.D	9.72		
240-57930-6	F-VB-UST-P-2	11/16/2015 14:12	Y0111616.D	9.73		
CCV 240-206833/17		11/16/2015 14:46	Y0111617.D	9.73		
240-57930-7	F-VB-UST-P-3	11/16/2015 15:19	Y0111618.D	9.73		
240-57930-8	F-VB-UST-P-4	11/16/2015 15:56	Y0111619.D	9.72		
240-57930-9	F-VB-UST-P-5	11/16/2015 16:30	Y0111620.D	9.72		
240-57930-10	F-VB-UST-P-6	11/16/2015 17:05	Y0111621.D	9.73		
240-57930-11	F-VS-UST-P-DUP	11/16/2015 17:40	Y0111622.D	9.73		
240-57930-11 MS	F-VS-UST-P-DUP MS	11/16/2015 18:14	Y0111623.D	9.73		
240-57930-11 MSD	F-VS-UST-P-DUP MSD	11/16/2015 18:49	Y0111624.D	9.75		
CCV 240-206833/26		11/16/2015 19:58	Y0111626.D	9.73		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: Y0111611.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:30

Sample wt/vol: 0.55(g) | Date Analyzed: 11/16/2015 11:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	3500		1100	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	69		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: A0111707.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:35

Sample wt/vol: 0.48(g) | Date Analyzed: 11/17/2015 10:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	5500	B	1200	570

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: A0111819.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:40

Sample wt/vol: 5.02(g) | Date Analyzed: 11/18/2015 17:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 207246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	110	J	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: Y0111614.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:45

Sample wt/vol: 5.01(g) | Date Analyzed: 11/16/2015 13:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	67		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: Y0111615.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:00

Sample wt/vol: 5.05(g) | Date Analyzed: 11/16/2015 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: Y0111616.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:05

Sample wt/vol: 4.96(g) | Date Analyzed: 11/16/2015 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	64		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: Y0111618.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:10

Sample wt/vol: 5.08(g) | Date Analyzed: 11/16/2015 15:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.0 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	60	J	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: Y0111619.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:15

Sample wt/vol: 4.95(g) | Date Analyzed: 11/16/2015 15:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	53		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: Y0111620.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:20

Sample wt/vol: 4.98(g) | Date Analyzed: 11/16/2015 16:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	51		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: Y0111621.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:25

Sample wt/vol: 4.96(g) | Date Analyzed: 11/16/2015 17:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP Lab Sample ID: 240-57930-11

Matrix: Solid Lab File ID: Y0111622.D

Analysis Method: 8015C Date Collected: 11/13/2015 00:00

Sample wt/vol: 0.50(g) Date Analyzed: 11/16/2015 17:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.6 Level: (low/med) Low

Analysis Batch No.: 206833 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	1800		1200	540

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	70		40-139

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Gasoline Range Organics [C6 - C10]	11.460	11.460	11.460	11.460	11.460	11.460					5.807 - 17.114	11.460
C6-C12	12.725	12.725	12.725	12.725	12.725	12.725					5.807 - 19.644	12.725
Trifluorotoluene (Surr)	10.344	10.348	10.347	10.341	10.339	10.339					10.290 - 10.390	10.343

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Gasoline Range Organics [C6 - C10]	281051 441376	404289 439409	445616	417800	Ave		404923.648				15.5		20.0			
C6-C12	344884 484706	442549 478304	494744	455788	Ave		450162.318				12.2		20.0			
Trifluorotoluene (Surr)	452208 466474	509634 371094	436510	429984	Ave		444317.252				10.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Gasoline Range Organics [C6 - C10]	Ave	28105105 703054501	80857808	178246588	334240056	529651436	100 1600	200	400	800	1200
C6-C12	Ave	34488374 765287082	88509751	197897550	364630076	581646620	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	452208 18554703	1019267	2182548	4299843	9329481	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:
Ave = Average

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Gasoline Range Organics [C6 - C10]	12.032	12.032	12.032	12.032	12.032	12.032					4.928 - 19.136	12.032
C6-C12	13.458	13.458	13.458	13.458	13.458	13.458					4.928 - 21.988	13.458
Trifluorotoluene (Surr)	9.720	9.722	9.720	9.726	9.719	9.722					9.476 - 9.976	9.722

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Gasoline Range Organics [C6 - C10]	188416 173575	165916 171151	176757	171370	Ave		174530.549				4.4		20.0			
C6-C12	222173 187083	182916 184022	192254	185117	Ave		192260.693				7.8		20.0			
Trifluorotoluene (Surr)	210718 163918	183500 159255	169226	148916	Ave		172588.858				12.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Gasoline Range Organics [C6 - C10]	Ave	18841554 273840999	33183190	70702651	137095852	208289684	100 1600	200	400	800	1200
C6-C12	Ave	22217288 294434655	36583184	76901726	148093223	224499426	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	210718 7962770	367000	846131	1489159	3278353	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:
Ave = Average

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-194508/13 Calibration Date: 08/24/2015 17:45

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0082113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	425225		840	800	5.0	20.0
C6-C12	Ave	450162	466294		829	800	3.6	20.0
Trifluorotoluene (Surr)	Ave	444317	487053		11.0	10.0	9.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-194508/13 Calibration Date: 08/24/2015 17:45

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0082113.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.46	5.81	17.11
C6-C12	12.73	5.81	19.64
Trifluorotoluene (Surr)	10.34	10.29	10.39

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-207037/4 Calibration Date: 11/17/2015 07:24

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111704.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	446659		882	800	10.3	20.0
C6-C12	Ave	450162	487634		867	800	8.3	20.0
Trifluorotoluene (Surr)	Ave	444317	421567		9.49	10.0	-5.1	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-207037/4 Calibration Date: 11/17/2015 07:24

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111704.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.55	5.95	17.12
C6-C12	12.79	5.95	19.67
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207037/11 Calibration Date: 11/17/2015 13:07

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111711.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	412790		816	800	1.9	20.0
C6-C12	Ave	450162	448627		797	800	-0.3	20.0
Trifluorotoluene (Surr)	Ave	444317	415089		9.34	10.0	-6.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207037/11 Calibration Date: 11/17/2015 13:07

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111711.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.55	5.95	17.12
C6-C12	12.79	5.95	19.67
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207037/17 Calibration Date: 11/17/2015 16:49

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111717.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	402593		795	800	-0.6	20.0
C6-C12	Ave	450162	437404		777	800	-2.8	20.0
Trifluorotoluene (Surr)	Ave	444317	399103		8.98	10.0	-10.2	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207037/17 Calibration Date: 11/17/2015 16:49

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111717.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.55	5.95	17.12
C6-C12	12.79	5.95	19.67
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-207246/4 Calibration Date: 11/18/2015 07:31

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111804.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	449468		888	800	11.0	20.0
C6-C12	Ave	450162	487761		867	800	8.4	20.0
Trifluorotoluene (Surr)	Ave	444317	420667		9.47	10.0	-5.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-207246/4 Calibration Date: 11/18/2015 07:31

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111804.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.55	5.94	17.18
C6-C12	12.79	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207246/16 Calibration Date: 11/18/2015 15:12

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111816.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	411988		814	800	1.7	20.0
C6-C12	Ave	450162	448100		796	800	-0.5	20.0
Trifluorotoluene (Surr)	Ave	444317	407157		9.16	10.0	-8.4	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207246/16 Calibration Date: 11/18/2015 15:12

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111816.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.55	5.94	17.18
C6-C12	12.79	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207246/26 Calibration Date: 11/18/2015 21:24

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111826.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	407247		805	800	0.6	20.0
C6-C12	Ave	450162	442060		786	800	-1.8	20.0
Trifluorotoluene (Surr)	Ave	444317	393963		8.87	10.0	-11.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207246/26 Calibration Date: 11/18/2015 21:24

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111826.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.56	5.94	17.18
C6-C12	12.82	5.94	19.70
Trifluorotoluene (Surr)	10.37	10.32	10.42

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-201382/10 Calibration Date: 10/12/2015 14:09

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0101210.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	167422		767	800	-4.1	20.0
C6-C12	Ave	192261	181216		754	800	-5.7	20.0
Trifluorotoluene (Surr)	Ave	172589	166182		9.63	10.0	-3.7	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-201382/10 Calibration Date: 10/12/2015 14:09

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0101210.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.03	4.93	19.14
C6-C12	13.46	4.93	21.99
Trifluorotoluene (Surr)	9.72	9.48	9.98

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-206833/4 Calibration Date: 11/16/2015 07:13

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111604.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	175632		805	800	0.6	20.0
C6-C12	Ave	192261	190523		793	800	-0.9	20.0
Trifluorotoluene (Surr)	Ave	172589	144962		8.40	10.0	-16.0	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVRT 240-206833/4 Calibration Date: 11/16/2015 07:13

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111604.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.05	4.97	18.88
C6-C12	13.49	4.97	21.97
Trifluorotoluene (Surr)	9.74	9.49	9.99

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/8 Calibration Date: 11/16/2015 09:37

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111608.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	145133		665	800	-16.8	20.0
C6-C12	Ave	192261	154736		644	800	-19.5	20.0
Trifluorotoluene (Surr)	Ave	172589	159579		9.25	10.0	-7.5	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/8 Calibration Date: 11/16/2015 09:37

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111608.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.05	4.97	18.88
C6-C12	13.49	4.97	21.97
Trifluorotoluene (Surr)	9.75	9.47	9.97

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/17 Calibration Date: 11/16/2015 14:46

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111617.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	161427		740	800	-7.5	20.0
C6-C12	Ave	192261	173583		722	800	-9.7	20.0
Trifluorotoluene (Surr)	Ave	172589	140302		8.13	10.0	-18.7	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/17 Calibration Date: 11/16/2015 14:46

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111617.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.05	4.97	18.88
C6-C12	13.49	4.97	21.97
Trifluorotoluene (Surr)	9.73	9.47	9.97

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/26 Calibration Date: 11/16/2015 19:58

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111626.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	152687		700	800	-12.5	20.0
C6-C12	Ave	192261	165483		689	800	-13.9	20.0
Trifluorotoluene (Surr)	Ave	172589	138180		8.01	10.0	-19.9	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-206833/26 Calibration Date: 11/16/2015 19:58

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0111626.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	11.92	4.97	18.88
C6-C12	13.47	4.97	21.97
Trifluorotoluene (Surr)	9.73	9.47	9.97

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206878/1-A

Matrix: Solid Lab File ID: Y0111609.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/16/2015 10:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206833 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-207078/1-A

Matrix: Solid Lab File ID: A0111705.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/17/2015 09:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207037 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	47.9	J	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-207274/1-A

Matrix: Solid Lab File ID: A0111817.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/18/2015 15:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207246 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206878/2-A

Matrix: Solid Lab File ID: Y0111610.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/16/2015 10:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206833 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	651		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207078/2-A

Matrix: Solid Lab File ID: A0111706.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/17/2015 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207037 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	889		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	101		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-207274/2-A

Matrix: Solid Lab File ID: A0111818.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/18/2015 16:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 207246 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	836		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	101		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP MS | Lab Sample ID: 240-57930-11 MS

Matrix: Solid | Lab File ID: Y0111623.D

Analysis Method: 8015C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 0.47(g) | Date Analyzed: 11/16/2015 18:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	9930		1300	580

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	87		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57774-C-8-J MS

Matrix: Solid | Lab File ID: A0111715.D

Analysis Method: 8015C | Date Collected: 11/10/2015 13:30

Sample wt/vol: 4.92(g) | Date Analyzed: 11/17/2015 15:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 9.6 | Level: (low/med) Low

Analysis Batch No.: 207037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	906		110	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	100		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP MSD | Lab Sample ID: 240-57930-11 MSD

Matrix: Solid | Lab File ID: Y0111624.D

Analysis Method: 8015C | Date Collected: 11/13/2015 00:00

Sample wt/vol: 0.51(g) | Date Analyzed: 11/16/2015 18:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206833 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	9080		1200	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57774-C-8-K MSD

Matrix: Solid | Lab File ID: A0111716.D

Analysis Method: 8015C | Date Collected: 11/10/2015 13:30

Sample wt/vol: 4.94(g) | Date Analyzed: 11/17/2015 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 9.6 | Level: (low/med) Low

Analysis Batch No.: 207037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	902		110	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	100		40-139

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: AFID Start Date: 08/24/2015 13:59

Analysis Batch Number: 194508 End Date: 08/24/2015 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-194508/7 IC		08/24/2015 13:59	1	A0082107.D	RTX-VRX 0.45(mm)
STD2 240-194508/8 IC		08/24/2015 14:37	1	A0082108.D	RTX-VRX 0.45(mm)
STD3 240-194508/9 IC		08/24/2015 15:14	1	A0082109.D	RTX-VRX 0.45(mm)
STD4 240-194508/10 ICRT		08/24/2015 15:53	1	A0082110.D	RTX-VRX 0.45(mm)
STD5 240-194508/11 IC		08/24/2015 16:31	1	A0082111.D	RTX-VRX 0.45(mm)
STD6 240-194508/12 IC		08/24/2015 17:07	1	A0082112.D	RTX-VRX 0.45(mm)
ICV 240-194508/13		08/24/2015 17:45	1	A0082113.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: AFID Start Date: 11/17/2015 07:24

Analysis Batch Number: 207037 End Date: 11/17/2015 16:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-207037/4		11/17/2015 07:24	1	A0111704.D	RTX-VRX 0.45(mm)
MB 240-207078/1-A		11/17/2015 09:24	1	A0111705.D	RTX-VRX 0.45(mm)
LCS 240-207078/2-A		11/17/2015 10:01	1	A0111706.D	RTX-VRX 0.45(mm)
240-57930-2	F-VS-UST-P-2	11/17/2015 10:39	1	A0111707.D	RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 11:16	1		RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 11:53	1		RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 12:30	1		RTX-VRX 0.45(mm)
CCV 240-207037/11		11/17/2015 13:07	1	A0111711.D	RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 13:44	1		RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 14:21	1		RTX-VRX 0.45(mm)
ZZZZZ		11/17/2015 14:58	1		RTX-VRX 0.45(mm)
240-57774-C-8-J MS		11/17/2015 15:35	1	A0111715.D	RTX-VRX 0.45(mm)
240-57774-C-8-K MSD		11/17/2015 16:12	1	A0111716.D	RTX-VRX 0.45(mm)
CCV 240-207037/17		11/17/2015 16:49	1	A0111717.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: AFID Start Date: 11/18/2015 07:31

Analysis Batch Number: 207246 End Date: 11/18/2015 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-207246/4		11/18/2015 07:31	1	A0111804.D	RTX-VRX 0.45(mm)
CCV 240-207246/16		11/18/2015 15:12	1	A0111816.D	RTX-VRX 0.45(mm)
MB 240-207274/1-A		11/18/2015 15:48	1	A0111817.D	RTX-VRX 0.45(mm)
LCS 240-207274/2-A		11/18/2015 16:26	1	A0111818.D	RTX-VRX 0.45(mm)
240-57930-3	F-VS-UST-P-3	11/18/2015 17:04	1	A0111819.D	RTX-VRX 0.45(mm)
CCV 240-207246/26		11/18/2015 21:24	1	A0111826.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: YPID Start Date: 10/12/2015 10:39

Analysis Batch Number: 201382 End Date: 10/12/2015 15:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-201382/4 IC		10/12/2015 10:39	1	Y0101204.D	RTX-VRX 0.45(mm)
STD2 240-201382/5 IC		10/12/2015 11:13	1	Y0101205.D	RTX-VRX 0.45(mm)
STD3 240-201382/6 IC		10/12/2015 11:49	1	Y0101206.D	RTX-VRX 0.45(mm)
STD4 240-201382/7 IC		10/12/2015 12:23	1	Y0101207.D	RTX-VRX 0.45(mm)
STD5 240-201382/8 IC		10/12/2015 12:59	1	Y0101208.D	RTX-VRX 0.45(mm)
STD6 240-201382/9 IC		10/12/2015 13:35	1	Y0101209.D	RTX-VRX 0.45(mm)
ICV 240-201382/10		10/12/2015 14:09	1	Y0101210.D	RTX-VRX 0.45(mm)
ZZZZZ		10/12/2015 14:45	2		RTX-VRX 0.45(mm)
CCV 240-201382/12		10/12/2015 15:19	1		RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: YPID Start Date: 11/16/2015 07:13

Analysis Batch Number: 206833 End Date: 11/16/2015 19:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-206833/4		11/16/2015 07:13	1	Y0111604.D	RTX-VRX 0.45(mm)
CCV 240-206833/8		11/16/2015 09:37	1	Y0111608.D	RTX-VRX 0.45(mm)
MB 240-206878/1-A		11/16/2015 10:10	1	Y0111609.D	RTX-VRX 0.45(mm)
LCS 240-206878/2-A		11/16/2015 10:45	1	Y0111610.D	RTX-VRX 0.45(mm)
240-57930-1	F-VS-UST-P-1	11/16/2015 11:18	1	Y0111611.D	RTX-VRX 0.45(mm)
ZZZZZ		11/16/2015 11:53	1		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2015 12:28	1		RTX-VRX 0.45(mm)
240-57930-4	F-VS-UST-P-4	11/16/2015 13:01	1	Y0111614.D	RTX-VRX 0.45(mm)
240-57930-5	F-VB-UST-P-1	11/16/2015 13:36	1	Y0111615.D	RTX-VRX 0.45(mm)
240-57930-6	F-VB-UST-P-2	11/16/2015 14:12	1	Y0111616.D	RTX-VRX 0.45(mm)
CCV 240-206833/17		11/16/2015 14:46	1	Y0111617.D	RTX-VRX 0.45(mm)
240-57930-7	F-VB-UST-P-3	11/16/2015 15:19	1	Y0111618.D	RTX-VRX 0.45(mm)
240-57930-8	F-VB-UST-P-4	11/16/2015 15:56	1	Y0111619.D	RTX-VRX 0.45(mm)
240-57930-9	F-VB-UST-P-5	11/16/2015 16:30	1	Y0111620.D	RTX-VRX 0.45(mm)
240-57930-10	F-VB-UST-P-6	11/16/2015 17:05	1	Y0111621.D	RTX-VRX 0.45(mm)
240-57930-11	F-VS-UST-P-DUP	11/16/2015 17:40	1	Y0111622.D	RTX-VRX 0.45(mm)
240-57930-11 MS	F-VS-UST-P-DUP MS	11/16/2015 18:14	1	Y0111623.D	RTX-VRX 0.45(mm)
240-57930-11 MSD	F-VS-UST-P-DUP MSD	11/16/2015 18:49	1	Y0111624.D	RTX-VRX 0.45(mm)
CCV 240-206833/26		11/16/2015 19:58	1	Y0111626.D	RTX-VRX 0.45(mm)

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 206878 Batch Start Date: 11/16/15 08:12 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206878/1		5030A, 8015C		5 g	5 mL				
LCS 240-206878/2		5030A, 8015C		5 g	5 mL				
240-57930-C-1	F-VS-UST-P-1	5030A, 8015C	T	0.55 g	5 mL				
240-57930-C-4	F-VS-UST-P-4	5030A, 8015C	T	5.01 g	5 mL				
240-57930-C-5	F-VB-UST-P-1	5030A, 8015C	T	5.05 g	5 mL				
240-57930-C-6	F-VB-UST-P-2	5030A, 8015C	T	4.96 g	5 mL				
240-57930-C-7	F-VB-UST-P-3	5030A, 8015C	T	5.08 g	5 mL				
240-57930-C-8	F-VB-UST-P-4	5030A, 8015C	T	4.95 g	5 mL				
240-57930-C-9	F-VB-UST-P-5	5030A, 8015C	T	4.98 g	5 mL				
240-57930-C-10	F-VB-UST-P-6	5030A, 8015C	T	4.96 g	5 mL				
240-57930-C-11	F-VS-UST-P-DUP	5030A, 8015C	T	0.50 g	5 mL				
240-57930-C-11 MS	F-VS-UST-P-DUP	5030A, 8015C	T	0.47 g	5 mL				
240-57930-C-11 MSD	F-VS-UST-P-DUP	5030A, 8015C	T	0.51 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207078 Batch Start Date: 11/17/15 07:48 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-207078/1		5030A, 8015C		5 g	5 mL				
LCS 240-207078/2		5030A, 8015C		5 g	5 mL				
240-57930-C-2	F-VS-UST-P-2	5030A, 8015C	T	0.48 g	5 mL				
240-57774-C-8 MS		5030A, 8015C	T	4.92 g	5 mL				
240-57774-C-8 MSD		5030A, 8015C	T	4.94 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207274 Batch Start Date: 11/18/15 06:57 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-207274/1		5030A, 8015C		5 g	5 mL				
LCS 240-207274/2		5030A, 8015C		5 g	5 mL				
240-57930-C-3	F-VS-UST-P-3	5030A, 8015C	T	5.02 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - DRO

Nonhalogenated Organics using GC/FID - Modified (Diesel Range Organics) by Method 8015C

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	OTPH1 #
F-VS-UST-P-1	240-57930-1	82
F-VS-UST-P-2	240-57930-2	95
F-VS-UST-P-3	240-57930-3	75
F-VS-UST-P-4	240-57930-4	82
F-VB-UST-P-1	240-57930-5	76
F-VB-UST-P-2	240-57930-6	79
F-VB-UST-P-3	240-57930-7	69
F-VB-UST-P-4	240-57930-8	90
F-VB-UST-P-5	240-57930-9	81
F-VB-UST-P-6	240-57930-10	83
F-VS-UST-P-DUP	240-57930-11	79
	MB 240-206884/23-A	77
	MB 240-207121/7-A	75
	LCS 240-206884/24-A	82
	LCS 240-207121/8-A	103
F-VS-UST-P-DUP MS	240-57930-11 MS	93
F-VS-UST-P-DUP MSD	240-57930-11 MSD	93

	QC LIMITS
OTPH = o-Terphenyl (Surr)	40-160

Column to be used to flag recovery values

FORM II 8015C

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11709.D

Lab ID: LCS 240-206884/24-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	84.0	66.9	80	52-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11816.D

Lab ID: LCS 240-207121/8-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	84.0	83.2	99	52-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11821.D

Lab ID: 240-57930-11 MS Client ID: F-VS-UST-P-DUP MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel	99.9	34	108	74	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11822.D

Lab ID: 240-57930-11 MSD Client ID: F-VS-UST-P-DUP MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Diesel	97.9	112	79	3	40	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-206884/23-A

Matrix: Solid Date Extracted: 11/16/2015 08:33

Lab File ID:(1) P5B11708.D Lab File ID:(2)

Date Analyzed:(1) 11/17/2015 22:08 Date Analyzed:(2)

Instrument ID:(1) A2HP5R Instrument ID:(2)

GC Column:(1) ID: GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206884/24-A	11/17/2015 22:40	
F-VS-UST-P-1	240-57930-1	11/18/2015 07:32	
F-VS-UST-P-2	240-57930-2	11/18/2015 08:04	
F-VS-UST-P-3	240-57930-3	11/18/2015 08:35	
F-VS-UST-P-4	240-57930-4	11/18/2015 10:10	
F-VB-UST-P-1	240-57930-5	11/18/2015 10:47	
F-VB-UST-P-2	240-57930-6	11/18/2015 11:21	
F-VB-UST-P-3	240-57930-7	11/18/2015 12:32	

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-207121/7-A

Matrix: Solid Date Extracted: 11/17/2015 10:02

Lab File ID:(1) P5B11815.D Lab File ID:(2)

Date Analyzed:(1) 11/19/2015 01:29 Date Analyzed:(2)

Instrument ID:(1) A2HP5R Instrument ID:(2)

GC Column:(1) ID: GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-207121/8-A	11/19/2015 02:01	
F-VB-UST-P-4	240-57930-8	11/19/2015 02:32	
F-VB-UST-P-5	240-57930-9	11/19/2015 03:04	
F-VB-UST-P-6	240-57930-10	11/19/2015 03:36	
F-VS-UST-P-DUP	240-57930-11	11/19/2015 04:07	
F-VS-UST-P-DUP MS	240-57930-11 MS	11/19/2015 04:38	
F-VS-UST-P-DUP MSD	240-57930-11 MSD	11/19/2015 05:10	

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD3 240-205608/10 Date Analyzed: 11/06/2015 17:59

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B10610.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-205608/10 ICRT		11/06/2015 17:59	P5B10610.D	9.83		

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207234/7 Date Analyzed: 11/17/2015 21:37

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11707.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-207234/7 CCVRT		11/17/2015 21:37	P5B11707.D	9.83		
MB 240-206884/23-A		11/17/2015 22:08	P5B11708.D	9.83		
LCS 240-206884/24-A		11/17/2015 22:40	P5B11709.D	9.83		
CCV 240-207234/18		11/18/2015 03:22	P5B11718.D	9.83		
240-57930-1	F-VS-UST-P-1	11/18/2015 07:32	P5B11726.D	9.83		
240-57930-2	F-VS-UST-P-2	11/18/2015 08:04	P5B11727.D	9.83		
240-57930-3	F-VS-UST-P-3	11/18/2015 08:35	P5B11728.D	9.83		
CCV 240-207234/30		11/18/2015 09:38	P5B11730.D	9.83		
240-57930-4	F-VS-UST-P-4	11/18/2015 10:10	P5B11731.D	9.83		
240-57930-5	F-VB-UST-P-1	11/18/2015 10:47	P5B11732.D	9.83		
240-57930-6	F-VB-UST-P-2	11/18/2015 11:21	P5B11733.D	9.83		
240-57930-7	F-VB-UST-P-3	11/18/2015 12:32	P5B11736.D	9.83		
CCV 240-207234/38		11/18/2015 13:04	P5B11737.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207465/7 Date Analyzed: 11/18/2015 21:17

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11807.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-207465/7 CCVRT		11/18/2015 21:17	P5B11807.D	9.83		
CCV 240-207465/14		11/19/2015 00:58	P5B11814.D	9.83		
MB 240-207121/7-A		11/19/2015 01:29	P5B11815.D	9.83		
LCS 240-207121/8-A		11/19/2015 02:01	P5B11816.D	9.83		
240-57930-8	F-VB-UST-P-4	11/19/2015 02:32	P5B11817.D	9.83		
240-57930-9	F-VB-UST-P-5	11/19/2015 03:04	P5B11818.D	9.83		
240-57930-10	F-VB-UST-P-6	11/19/2015 03:36	P5B11819.D	9.83		
240-57930-11	F-VS-UST-P-DUP	11/19/2015 04:07	P5B11820.D	9.83		
240-57930-11 MS	F-VS-UST-P-DUP MS	11/19/2015 04:38	P5B11821.D	9.83		
240-57930-11 MSD	F-VS-UST-P-DUP MSD	11/19/2015 05:10	P5B11822.D	9.83		
CCV 240-207465/23		11/19/2015 05:42	P5B11823.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: P5B11726.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:30

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30.28(g) | Date Analyzed: 11/18/2015 07:32

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	80		19	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	82		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: P5B11727.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:35

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 29.96(g) | Date Analyzed: 11/18/2015 08:04

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	130		20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	95		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: P5B11728.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:40

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30.34(g) | Date Analyzed: 11/18/2015 08:35

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	42		20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	75		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: P5B11731.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:45

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30.19(g) | Date Analyzed: 11/18/2015 10:10

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	120		20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	82		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: P5B11732.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:00

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 29.96(g) | Date Analyzed: 11/18/2015 10:47

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.6	U	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	76		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: P5B11733.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:05

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 29.88(g) | Date Analyzed: 11/18/2015 11:21

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.6	U	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	79		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: P5B11736.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:10

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30.03(g) | Date Analyzed: 11/18/2015 12:32

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.9	U	21	7.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	69		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: P5B11817.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:15

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30.20(g) | Date Analyzed: 11/19/2015 02:32

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.6	U	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	90		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: P5B11818.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:20

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 29.52(g) | Date Analyzed: 11/19/2015 03:04

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.8	U	20	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	81		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: P5B11819.D

Analysis Method: 8015C | Date Collected: 11/13/2015 10:25

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30.04(g) | Date Analyzed: 11/19/2015 03:36

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	8.0	J	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	83		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: P5B11820.D

Analysis Method: 8015C | Date Collected: 11/13/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30.26(g) | Date Analyzed: 11/19/2015 04:07

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	51		20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	79		40-160

FORM VI

DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA

RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.331	9.331	9.331	9.331	9.331						5.131 - 13.532	9.331
o-Terphenyl (Surr)	9.828	9.831	9.829	9.830	9.833						9.728 - 9.928	9.830

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	156067 174183	161462	135888	139742	Ave		153468.493				10.3		20.0			
o-Terphenyl (Surr)	213204 240558	209043	182141	189552	Ave		206899.578				11.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	15610573	32300497	67960720	139776482	348453260	100	200	500	1000	2000
o-Terphenyl (Surr)	Ave	1705635	3344683	7285634	15164183	38489230	8.00	16.0	40.0	80.0	160

Curve Type Legend:
Ave = Average

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-205608/13 Calibration Date: 11/06/2015 19:33

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B10613.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	164201		537	502	7.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-205608/13 Calibration Date: 11/06/2015 19:33

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B10613.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/7 Calibration Date: 11/17/2015 21:37

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11707.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	150001		489	500	-2.3	20.0
o-Terphenyl (Surr)	Ave	206900	220429		42.6	40.0	6.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/7 Calibration Date: 11/17/2015 21:37

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11707.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/18 Calibration Date: 11/18/2015 03:22

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11718.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	163566		533	500	6.6	20.0
o-Terphenyl (Surr)	Ave	206900	224743		43.4	40.0	8.6	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/18 Calibration Date: 11/18/2015 03:22

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11718.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/30 Calibration Date: 11/18/2015 09:38

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11730.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	168725		550	500	9.9	20.0
o-Terphenyl (Surr)	Ave	206900	232043		44.9	40.0	12.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/30 Calibration Date: 11/18/2015 09:38

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11730.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/38 Calibration Date: 11/18/2015 13:04

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11737.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	164949		538	500	7.5	20.0
o-Terphenyl (Surr)	Ave	206900	233758		45.2	40.0	13.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207234/38 Calibration Date: 11/18/2015 13:04

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11737.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/7 Calibration Date: 11/18/2015 21:17

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11807.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	179371		585	500	16.9	20.0
o-Terphenyl (Surr)	Ave	206900	232427		44.9	40.0	12.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/7 Calibration Date: 11/18/2015 21:17

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11807.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/14 Calibration Date: 11/19/2015 00:58

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11814.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	174581		569	500	13.8	20.0
o-Terphenyl (Surr)	Ave	206900	215106		41.6	40.0	4.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/14 Calibration Date: 11/19/2015 00:58

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11814.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/23 Calibration Date: 11/19/2015 05:42

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11823.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	171249		558	500	11.6	20.0
o-Terphenyl (Surr)	Ave	206900	229002		44.3	40.0	10.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207465/23 Calibration Date: 11/19/2015 05:42

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11823.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.13	13.53
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206884/23-A

Matrix: Solid | Lab File ID: P5B11708.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30(g) | Date Analyzed: 11/17/2015 22:08

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	6.4	U	17	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	77		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-207121/7-A

Matrix: Solid | Lab File ID: P5B11815.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 01:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	6.4	U	17	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	75		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206884/24-A

Matrix: Solid | Lab File ID: P5B11709.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/16/2015 08:33

Sample wt/vol: 30(g) | Date Analyzed: 11/17/2015 22:40

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207234 | Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	82		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-207121/8-A

Matrix: Solid | Lab File ID: P5B11816.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 02:01

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	103		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP MS | Lab Sample ID: 240-57930-11 MS

Matrix: Solid | Lab File ID: P5B11821.D

Analysis Method: 8015C | Date Collected: 11/13/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 29.91(g) | Date Analyzed: 11/19/2015 04:38

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	124		20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	93		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP MSD | Lab Sample ID: 240-57930-11 MSD

Matrix: Solid | Lab File ID: P5B11822.D

Analysis Method: 8015C | Date Collected: 11/13/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/17/2015 10:02

Sample wt/vol: 30.50(g) | Date Analyzed: 11/19/2015 05:10

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207465 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	126		19	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	93		40-160

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/06/2015 15:50

Analysis Batch Number: 205608 End Date: 11/06/2015 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-205608/8 IC		11/06/2015 15:50	1	P5B10608.D	
STD2 240-205608/9 IC		11/06/2015 17:28	1	P5B10609.D	
STD3 240-205608/10 ICRT		11/06/2015 17:59	1	P5B10610.D	
STD4 240-205608/11 IC		11/06/2015 18:30	1	P5B10611.D	
STD5 240-205608/12 IC		11/06/2015 19:01	1	P5B10612.D	
ICV 240-205608/13		11/06/2015 19:33	1	P5B10613.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/17/2015 21:37

Analysis Batch Number: 207234 End Date: 11/18/2015 13:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-207234/7 CCVRT		11/17/2015 21:37	1	P5B11707.D	
MB 240-206884/23-A		11/17/2015 22:08	1	P5B11708.D	
LCS 240-206884/24-A		11/17/2015 22:40	1	P5B11709.D	
CCV 240-207234/18		11/18/2015 03:22	1	P5B11718.D	
240-57930-1	F-VS-UST-P-1	11/18/2015 07:32	1	P5B11726.D	
240-57930-2	F-VS-UST-P-2	11/18/2015 08:04	1	P5B11727.D	
240-57930-3	F-VS-UST-P-3	11/18/2015 08:35	1	P5B11728.D	
CCV 240-207234/30		11/18/2015 09:38	1	P5B11730.D	
240-57930-4	F-VS-UST-P-4	11/18/2015 10:10	1	P5B11731.D	
240-57930-5	F-VB-UST-P-1	11/18/2015 10:47	1	P5B11732.D	
240-57930-6	F-VB-UST-P-2	11/18/2015 11:21	1	P5B11733.D	
240-57930-7	F-VB-UST-P-3	11/18/2015 12:32	1	P5B11736.D	
CCV 240-207234/38		11/18/2015 13:04	1	P5B11737.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/18/2015 21:17

Analysis Batch Number: 207465 End Date: 11/19/2015 05:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-207465/7 CCVRT		11/18/2015 21:17	1	P5B11807.D	
ZZZZZ		11/18/2015 21:49	1		
ZZZZZ		11/18/2015 22:20	1		
ZZZZZ		11/18/2015 22:52	1		
ZZZZZ		11/18/2015 23:23	1		
ZZZZZ		11/18/2015 23:55	1		
ZZZZZ		11/19/2015 00:26	1		
CCV 240-207465/14		11/19/2015 00:58	1	P5B11814.D	
MB 240-207121/7-A		11/19/2015 01:29	1	P5B11815.D	
LCS 240-207121/8-A		11/19/2015 02:01	1	P5B11816.D	
240-57930-8	F-VB-UST-P-4	11/19/2015 02:32	1	P5B11817.D	
240-57930-9	F-VB-UST-P-5	11/19/2015 03:04	1	P5B11818.D	
240-57930-10	F-VB-UST-P-6	11/19/2015 03:36	1	P5B11819.D	
240-57930-11	F-VS-UST-P-DUP	11/19/2015 04:07	1	P5B11820.D	
240-57930-11 MS	F-VS-UST-P-DUP MS	11/19/2015 04:38	1	P5B11821.D	
240-57930-11 MSD	F-VS-UST-P-DUP MSD	11/19/2015 05:10	1	P5B11822.D	
CCV 240-207465/23		11/19/2015 05:42	1	P5B11823.D	

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 206884 Batch Start Date: 11/16/15 11:50 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/17/15 03:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exDIESELspkw 00068	exOTPSURRW 00006		
240-57930-D-1	F-VS-UST-P-1	3540C, 8015C	T	30.28 g	5 mL		1 mL		
240-57930-D-2	F-VS-UST-P-2	3540C, 8015C	T	29.96 g	5 mL		1 mL		
240-57930-D-3	F-VS-UST-P-3	3540C, 8015C	T	30.34 g	5 mL		1 mL		
240-57930-D-4	F-VS-UST-P-4	3540C, 8015C	T	30.19 g	5 mL		1 mL		
240-57930-D-5	F-VB-UST-P-1	3540C, 8015C	T	29.96 g	5 mL		1 mL		
240-57930-D-6	F-VB-UST-P-2	3540C, 8015C	T	29.88 g	5 mL		1 mL		
240-57930-D-7	F-VB-UST-P-3	3540C, 8015C	T	30.03 g	5 mL		1 mL		
MB 240-206884/23		3540C, 8015C		30 g	5 mL		1 mL		
LCS 240-206884/24		3540C, 8015C		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2287347

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207121 Batch Start Date: 11/17/15 12:05 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/18/15 04:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exDIESELspkw 00068	exOTPSURRW 00006		
240-57930-D-8	F-VB-UST-P-4	3540C, 8015C	T	30.20 g	5 mL		1 mL		
240-57930-D-9	F-VB-UST-P-5	3540C, 8015C	T	29.52 g	5 mL		1 mL		
240-57930-D-10	F-VB-UST-P-6	3540C, 8015C	T	30.04 g	5 mL		1 mL		
240-57930-D-11	F-VS-UST-P-DUP	3540C, 8015C	T	30.26 g	5 mL		1 mL		
240-57930-D-11 MS	F-VS-UST-P-DUP	3540C, 8015C	T	29.91 g	5 mL	1 mL	1 mL		
240-57930-D-11 MSD	F-VS-UST-P-DUP	3540C, 8015C	T	30.50 g	5 mL	1 mL	1 mL		
MB 240-207121/7		3540C, 8015C		30 g	5 mL		1 mL		
LCS 240-207121/8		3540C, 8015C		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2287348

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): CLP-1 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX2 #	DCB2 #
F-VS-UST-P-1	240-57930-1	83	72
F-VS-UST-P-2	240-57930-2	61	70
F-VS-UST-P-3	240-57930-3	67	90
F-VS-UST-P-4	240-57930-4	78	141
F-VB-UST-P-1	240-57930-5	83	82
F-VB-UST-P-2	240-57930-6	70	66
F-VB-UST-P-3	240-57930-7	67	66
F-VB-UST-P-4	240-57930-8	83	79
F-VB-UST-P-5	240-57930-9	80	71
F-VB-UST-P-6	240-57930-10	72	71
F-VS-UST-P-DUP	240-57930-11	82	78
	MB 240-206917/21-A	74	79
	LCS 240-206917/22-A	75	77
	240-57880-E-1-B MS	75	94
	240-57880-E-1-C MSD	90	87

	QC LIMITS
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200063.D

Lab ID: LCS 240-206917/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	251	75	51-120	
Aroclor-1260	334	253	76	48-120	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200066.D

Lab ID: 240-57880-E-1-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	443	16 U	518	117	17-141	
Aroclor-1260	444	71	266	44	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200067.D

Lab ID: 240-57880-E-1-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	446	638	143	18	56	17-141	F1
Aroclor-1260	447	331	55	21	55	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: MB 240-206917/21-A

Matrix: Solid Date Extracted: 11/16/2015 09:32

Lab File ID:(1) Lab File ID:(2) P1200062.D

Date Analyzed:(1) Date Analyzed:(2) 11/19/2015 01:03

Instrument ID:(1) Instrument ID:(2) A2HP12

GC Column:(1) ID: GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
F-VB-UST-P-2	240-57930-6		11/18/2015 22:02
F-VB-UST-P-3	240-57930-7		11/18/2015 22:20
F-VB-UST-P-4	240-57930-8		11/18/2015 22:38
F-VB-UST-P-5	240-57930-9		11/18/2015 22:56
F-VB-UST-P-6	240-57930-10		11/18/2015 23:15
F-VS-UST-P-DUP	240-57930-11		11/18/2015 23:33
F-VS-UST-P-1	240-57930-1		11/18/2015 23:51
F-VS-UST-P-2	240-57930-2		11/19/2015 00:09
F-VS-UST-P-3	240-57930-3		11/19/2015 00:27
F-VS-UST-P-4	240-57930-4		11/19/2015 00:45
	LCS 240-206917/22-A		11/19/2015 01:21
F-VB-UST-P-1	240-57930-5		11/19/2015 01:58
	240-57880-E-1-B MS		11/19/2015 02:16
	240-57880-E-1-C MSD		11/19/2015 02:34

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: STD05 240-207007/31 Date Analyzed: 11/17/2015 04:23

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200066.D Heated Purge: (Y/N) N

Calibration ID: 31555

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		188112954	2.68				
UPPER LIMIT		376225908	3.18				
LOWER LIMIT		94056477	2.18				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-207007/39		184850376	2.69				
CCV 240-207364/3 CCVIS		190140766	2.68				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCV 240-207364/3 Date Analyzed: 11/18/2015 18:06

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200039.D Heated Purge: (Y/N) N

Calibration ID: 31555

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		190140766	2.68				
UPPER LIMIT		380281532	3.18				
LOWER LIMIT		95070383	2.18				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-207364/4		188081408	2.68				
CCV 240-207364/5		202072165	2.68				
CCV 240-207364/6		192999673	2.69				
CCV 240-207364/7		187722278	2.68				
240-57930-6	F-VB-UST-P-2	206915927	2.69				
240-57930-7	F-VB-UST-P-3	206112342	2.69				
240-57930-8	F-VB-UST-P-4	204369410	2.69				
240-57930-9	F-VB-UST-P-5	215387279	2.68				
240-57930-10	F-VB-UST-P-6	216471663	2.68				
240-57930-11	F-VS-UST-P-DUP	216144605	2.69				
240-57930-1	F-VS-UST-P-1	208154897	2.69				
240-57930-2	F-VS-UST-P-2	205161190	2.69				
240-57930-3	F-VS-UST-P-3	213739691	2.68				
240-57930-4	F-VS-UST-P-4	218600878	2.68				
MB 240-206917/21-A		207945676	2.68				
LCS 240-206917/22-A		205793008	2.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Sample No.: CCVIS 240-207364/28 Date Analyzed: 11/19/2015 01:40

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200064.D Heated Purge: (Y/N) N

Calibration ID: 31555

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		203830640	2.68				
UPPER LIMIT		407661280	3.18				
LOWER LIMIT		101915320	2.18				
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-57930-5	F-VB-UST-P-1	210716095	2.69				
240-57880-E-1-B MS		219185526	2.68				
240-57880-E-1-C MSD		210947173	2.68				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-57880-E-1-B MS

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 11/19/2015 02:16

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	581	518	
		2	5.11	5.08	5.14	594		
		3	5.74	5.71	5.77	517		
		4	5.91	5.88	5.94	419		
		5	6.45	6.42	6.48	482		
Aroclor-1260	1	1	7.95	7.93	7.99	275	266	
		2	8.29	8.26	8.32	240		
		3	8.61	8.58	8.64	249		
		4	9.40	9.37	9.43	281		
		5	9.72	9.69	9.75	284		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-57880-E-1-C MSD

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 11/19/2015 02:34

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	693	638	
		2	5.11	5.08	5.14	722		
		3	5.74	5.71	5.77	636		
		4	5.91	5.88	5.94	544		
		5	6.45	6.42	6.48	597		
Aroclor-1260	1	1	7.95	7.93	7.99	341	331	
		2	8.29	8.26	8.32	298		
		3	8.61	8.58	8.64	297		
		4	9.40	9.37	9.43	363		
		5	9.72	9.69	9.75	356		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206917/22-A

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 11/19/2015 01:21

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	244	251	
		2	5.11	5.08	5.14	248		
		3	5.74	5.71	5.77	257		
		4	5.92	5.88	5.94	256		
		5	6.45	6.42	6.48	250		
Aroclor-1260	1	1	7.96	7.92	7.98	260	253	
		2	8.29	8.26	8.32	259		
		3	8.61	8.58	8.64	250		
		4	9.40	9.37	9.43	258		
		5	9.72	9.69	9.75	240		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-1 | Lab Sample ID: 240-57930-1

Matrix: Solid | Lab File ID: P1200058.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:30

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.62(g) | Date Analyzed: 11/18/2015 23:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		13-134
2051-24-3	DCB Decachlorobiphenyl	72		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-2 | Lab Sample ID: 240-57930-2

Matrix: Solid | Lab File ID: P1200059.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:35

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30.44(g) | Date Analyzed: 11/19/2015 00:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		13-134
2051-24-3	DCB Decachlorobiphenyl	70		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-3 | Lab Sample ID: 240-57930-3

Matrix: Solid | Lab File ID: P1200060.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:40

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.65(g) | Date Analyzed: 11/19/2015 00:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.6	U	39	9.6
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		13-134
2051-24-3	DCB Decachlorobiphenyl	90		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-4 | Lab Sample ID: 240-57930-4

Matrix: Solid | Lab File ID: P1200061.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:45

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30.41(g) | Date Analyzed: 11/19/2015 00:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		13-134
2051-24-3	DCB Decachlorobiphenyl	141		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-1 | Lab Sample ID: 240-57930-5

Matrix: Solid | Lab File ID: P1200065.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:00

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30.45(g) | Date Analyzed: 11/19/2015 01:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		13-134
2051-24-3	DCB Decachlorobiphenyl	82		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-2 | Lab Sample ID: 240-57930-6

Matrix: Solid | Lab File ID: P1200052.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:05

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.88(g) | Date Analyzed: 11/18/2015 22:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		13-134
2051-24-3	DCB Decachlorobiphenyl	66		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-3 | Lab Sample ID: 240-57930-7

Matrix: Solid | Lab File ID: P1200053.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:10

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30.01(g) | Date Analyzed: 11/18/2015 22:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.9	U	41	9.9
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		13-134
2051-24-3	DCB Decachlorobiphenyl	66		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-4 | Lab Sample ID: 240-57930-8

Matrix: Solid | Lab File ID: P1200054.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:15

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.74(g) | Date Analyzed: 11/18/2015 22:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		13-134
2051-24-3	DCB Decachlorobiphenyl	79		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-5 | Lab Sample ID: 240-57930-9

Matrix: Solid | Lab File ID: P1200055.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:20

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.69(g) | Date Analyzed: 11/18/2015 22:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	40	15
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.7	U	40	9.7
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		13-134
2051-24-3	DCB Decachlorobiphenyl	71		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VB-UST-P-6 | Lab Sample ID: 240-57930-10

Matrix: Solid | Lab File ID: P1200056.D

Analysis Method: 8082A | Date Collected: 11/13/2015 10:25

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.68(g) | Date Analyzed: 11/18/2015 23:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		13-134
2051-24-3	DCB Decachlorobiphenyl	71		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: F-VS-UST-P-DUP | Lab Sample ID: 240-57930-11

Matrix: Solid | Lab File ID: P1200057.D

Analysis Method: 8082A | Date Collected: 11/13/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.83(g) | Date Analyzed: 11/18/2015 23:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		13-134
2051-24-3	DCB Decachlorobiphenyl	78		10-155

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 20:14 Calibration End Date: 11/16/2015 21:45 Calibration ID: 31527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/4	P1200039.D
Level 2	STD01 240-207007/5	P1200040.D
Level 3	STD02 240-207007/6	P1200041.D
Level 4	STD05 240-207007/7	P1200042.D
Level 5	STD1 240-207007/8	P1200043.D
Level 6	STD2 240-207007/9	P1200044.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0146 0.0120	0.0146	0.0137	0.0137	0.0123	Lin1	0.0002	0.0122							0.9980		0.9900
PCB-1232 Peak 2	0.0104 0.0088	0.0106	0.0101	0.0100	0.0090	Lin1	0.0001	0.0089							0.9980		0.9900
PCB-1232 Peak 3	0.0214 0.0206	0.0218	0.0204	0.0219	0.0205	Lin1	0.0001	0.0207							0.9990		0.9900
PCB-1232 Peak 4	0.0088 0.0084	0.0090	0.0081	0.0093	0.0085	Lin1	0	0.0085							0.9980		0.9900
PCB-1232 Peak 5	0.0088 0.0076	0.0092	0.0087	0.0086	0.0078	Lin1	0.0001	0.0078							0.9980		0.9900
PCB-1262 Peak 1	0.0288 0.0238	0.0249	0.0236	0.0241	0.0228	Lin1	0.0002	0.0233							0.9990		0.9900
PCB-1262 Peak 2	0.0420 0.0453	0.0443	0.0426	0.0462	0.0441	Lin1	0	0.0452							1.0000		0.9900
PCB-1262 Peak 3	0.0380 0.0415	0.0404	0.0397	0.0426	0.0405	Lin1	0	0.0415							1.0000		0.9900
PCB-1262 Peak 4	0.0853 0.0976	0.0928	0.0961	0.0994	0.0962	Lin1	-0.001	0.0979							1.0000		0.9900
PCB-1262 Peak 5	0.0364 0.0385	0.0386	0.0374	0.0395	0.0372	Lin1	0	0.0383							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 20:14 Calibration End Date: 11/16/2015 21:45 Calibration ID: 31527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/4	P1200039.D
Level 2	STD01 240-207007/5	P1200040.D
Level 3	STD02 240-207007/6	P1200041.D
Level 4	STD05 240-207007/7	P1200042.D
Level 5	STD1 240-207007/8	P1200043.D
Level 6	STD2 240-207007/9	P1200044.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Lin1	2864462 94613461	5743911	10579052	25148552	48682811	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Lin1	2042318 69008204	4176797	7799621	18338381	35520928	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Lin1	4204092 162234139	8567857	15765426	40096819	80981509	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Lin1	1732949 65818756	3551392	6289163	17045553	33804666	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Lin1	1725581 59962732	3622594	6723266	15858414	31021460	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Lin1	5662298 186973877	9773527	18252707	44264730	89983608	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Lin1	8249286 356026718	17431705	32928458	84853483	174547806	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Lin1	7469803 326504754	15875631	30684939	78118840	160322518	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Lin1	16781995 766924713	36487355	74250353	182460886	380317708	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Lin1	7158889 302670598	15182112	28944443	72530686	147149653	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 22:03 Calibration End Date: 11/16/2015 23:33 Calibration ID: 31533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/10	P1200045.D
Level 2	STD01 240-207007/11	P1200046.D
Level 3	STD02 240-207007/12	P1200047.D
Level 4	STD05 240-207007/13	P1200048.D
Level 5	STD1 240-207007/14	P1200049.D
Level 6	STD2 240-207007/15	P1200050.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0115 0.0082	0.0100	0.0094	0.0091	0.0087	Lin1	0.0002	0.0083							0.9990		0.9900
PCB-1242 Peak 2	0.0201 0.0153	0.0180	0.0172	0.0169	0.0161	Lin1	0.0003	0.0155							0.9990		0.9900
PCB-1242 Peak 3	0.0408 0.0378	0.0334	0.0373	0.0380	0.0380	Lin1	0	0.0379							0.9990		0.9900
PCB-1242 Peak 4	0.0176 0.0154	0.0131	0.0162	0.0160	0.0157	Lin1	0	0.0155							0.9980		0.9900
PCB-1242 Peak 5	0.0196 0.0154	0.0173	0.0163	0.0163	0.0157	Lin1	0.0002	0.0155							1.0000		0.9900
PCB-1268 Peak 1	0.1160 0.1140	0.1051	0.1050	0.1121	0.1102	Lin1	0	0.1126							0.9990		0.9900
PCB-1268 Peak 2	0.1129 0.1102	0.1035	0.1031	0.1082	0.1086	Lin1	0	0.1094							1.0000		0.9900
PCB-1268 Peak 3	0.0941 0.0941	0.0865	0.0873	0.0935	0.0918	Lin1	0	0.0934							1.0000		0.9900
PCB-1268 Peak 4	0.0427 0.0386	0.0375	0.0368	0.0384	0.0379	Lin1	0.0001	0.0382							1.0000		0.9900
PCB-1268 Peak 5	0.3010 0.3253	0.2825	0.2850	0.3104	0.3105	Lin1	-0.003	0.3204							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 22:03 Calibration End Date: 11/16/2015 23:33 Calibration ID: 31533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/10	P1200045.D
Level 2	STD01 240-207007/11	P1200046.D
Level 3	STD02 240-207007/12	P1200047.D
Level 4	STD05 240-207007/13	P1200048.D
Level 5	STD1 240-207007/14	P1200049.D
Level 6	STD2 240-207007/15	P1200050.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Lin1	2149767 64172683	3972268	7542438	18026385	33712614	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Lin1	3777832 120095985	7167048	13831308	33547847	62739379	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Lin1	7649911 296721464	13315192	29900733	75211737	147999390	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Lin1	3299090 120600215	5223145	12995644	31796203	60982553	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Lin1	3672196 121118126	6903841	13110974	32386776	61129587	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Lin1	21759307 894333238	41863019	84230109	222130676	428635453	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Lin1	21178393 864175846	41209432	82708339	214470756	422311987	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Lin1	17646266 738380844	34461725	70030810	185306823	357127789	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Lin1	8003779 302725873	14951207	29550936	76139152	147585310	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Lin1	56470647 2551765384	112539547	228706125	615081152	1208047688	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 23:51 Calibration End Date: 11/17/2015 01:22 Calibration ID: 31539

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/16	P1200051.D
Level 2	STD01 240-207007/17	P1200052.D
Level 3	STD02 240-207007/18	P1200053.D
Level 4	STD05 240-207007/19	P1200054.D
Level 5	STD1 240-207007/20	P1200055.D
Level 6	STD2 240-207007/21	P1200056.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0111 0.0082	0.0099	0.0099	0.0090	0.0084	Lin1	0.0002	0.0082							0.9990		0.9900
PCB-1248 Peak 2	0.0277 0.0242	0.0256	0.0251	0.0243	0.0239	Lin1	0.0002	0.0240							1.0000		0.9900
PCB-1248 Peak 3	0.0240 0.0225	0.0232	0.0233	0.0226	0.0219	Lin1	0.0001	0.0223							1.0000		0.9900
PCB-1248 Peak 4	0.0199 0.0193	0.0194	0.0192	0.0192	0.0190	Lin1	0	0.0192							1.0000		0.9900
PCB-1248 Peak 5	0.0138 0.0128	0.0122	0.0128	0.0125	0.0116	Lin1	0	0.0124							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 23:51 Calibration End Date: 11/17/2015 01:22 Calibration ID: 31539

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/16	P1200051.D
Level 2	STD01 240-207007/17	P1200052.D
Level 3	STD02 240-207007/18	P1200053.D
Level 4	STD05 240-207007/19	P1200054.D
Level 5	STD1 240-207007/20	P1200055.D
Level 6	STD2 240-207007/21	P1200056.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Lin1	2214671 65344382	3893329	7710225	17465613	33070601	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Lin1	5540374 193008938	10066768	19570159	46979815	94056087	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Lin1	4803789 179213673	9149673	18179130	43818711	86223823	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Lin1	3975067 153520953	7642679	14994793	37207246	74584605	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Lin1	2764694 102029173	4797959	10009264	24248210	45732697	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 01:40 Calibration End Date: 11/17/2015 03:10 Calibration ID: 31549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/22	P1200057.D
Level 2	STD01 240-207007/23	P1200058.D
Level 3	STD02 240-207007/24	P1200059.D
Level 4	STD05 240-207007/25	P1200060.D
Level 5	STD1 240-207007/26	P1200061.D
Level 6	STD2 240-207007/27	P1200062.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0083 0.0057	0.0074	0.0067	0.0065	0.0061	Lin1	0.0002	0.0058							0.9980		0.9900
PCB-1221 Peak 2	0.0055 0.0037	0.0049	0.0045	0.0042	0.0039	Lin1	0.0001	0.0037							0.9980		0.9900
PCB-1221 Peak 3	0.0208 0.0145	0.0183	0.0167	0.0164	0.0154	Lin1	0.0004	0.0147							0.9980		0.9900
PCB-1254 Peak 1	0.0259 0.0202	0.0228	0.0210	0.0212	0.0203	Lin1	0.0003	0.0201							1.0000		0.9900
PCB-1254 Peak 2	0.0354 0.0290	0.0313	0.0287	0.0298	0.0292	Lin1	0.0003	0.0289							1.0000		0.9900
PCB-1254 Peak 3	0.0466 0.0419	0.0442	0.0413	0.0427	0.0391	Lin1	0.0003	0.0410							0.9990		0.9900
PCB-1254 Peak 4	0.0442 0.0360	0.0392	0.0345	0.0358	0.0355	Lin1	0.0003	0.0354							0.9990		0.9900
PCB-1254 Peak 5	0.0544 0.0459	0.0486	0.0448	0.0465	0.0453	Lin1	0.0003	0.0454							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 01:40 Calibration End Date: 11/17/2015 03:10 Calibration ID: 31549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/22	P1200057.D
Level 2	STD01 240-207007/23	P1200058.D
Level 3	STD02 240-207007/24	P1200059.D
Level 4	STD05 240-207007/25	P1200060.D
Level 5	STD1 240-207007/26	P1200061.D
Level 6	STD2 240-207007/27	P1200062.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Lin1	1617753 43159048	2834146	5288305	12630620	23444359	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Lin1	1073929 27877416	1853226	3515548	8239497	15092745	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Lin1	4061658 109234720	6958986	13214576	31899214	59455965	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Lin1	5070982 152082598	8694593	16601983	41262994	78538732	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Lin1	6915782 218988362	11916252	22685227	57976400	113180990	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Lin1	9122282 316127715	16841606	32606706	82955431	151535520	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Lin1	8646084 271574308	14939001	27264214	69542078	137323388	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Lin1	10643906 346633557	18530884	35338412	90448562	175425464	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 03:29 Calibration End Date: 11/17/2015 04:59 Calibration ID: 31555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/28	P1200063.D
Level 2	STD01 240-207007/29	P1200064.D
Level 3	STD02 240-207007/30	P1200065.D
Level 4	STD05 240-207007/31	P1200066.D
Level 5	STD1 240-207007/32	P1200067.D
Level 6	STD2 240-207007/33	P1200068.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0130 0.0104	0.0132	0.0125	0.0117	0.0109	Lin1	0.0002	0.0106							0.9980		0.9900
PCB-1016 Peak 2	0.0226 0.0190	0.0238	0.0222	0.0210	0.0197	Lin1	0.0003	0.0193							0.9980		0.9900
PCB-1016 Peak 3	0.0471 0.0469	0.0503	0.0465	0.0479	0.0469	Lin1	0.0001	0.0469							1.0000		0.9900
PCB-1016 Peak 4	0.0212 0.0189	0.0222	0.0202	0.0199	0.0193	Lin1	0.0002	0.0190							1.0000		0.9900
PCB-1016 Peak 5	0.0220 0.0187	0.0228	0.0210	0.0199	0.0191	Lin1	0.0003	0.0188							0.9990		0.9900
PCB-1260 Peak 1	0.0330 0.0301	0.0338	0.0324	0.0309	0.0302	Lin1	0.0003	0.0300							1.0000		0.9900
PCB-1260 Peak 2	0.0622 0.0585	0.0618	0.0622	0.0606	0.0586	Lin1	0.0003	0.0586							1.0000		0.9900
PCB-1260 Peak 3	0.0650 0.0628	0.0634	0.0652	0.0643	0.0626	Lin1	0.0002	0.0629							1.0000		0.9900
PCB-1260 Peak 4	0.0661 0.0714	0.0711	0.0771	0.0773	0.0731	Lin1	0	0.0729							0.9990		0.9900
PCB-1260 Peak 5	0.0374 0.0384	0.0399	0.0382	0.0386	0.0385	Lin1	0	0.0384							1.0000		0.9900
Tetrachloro-m-xylene	0.7048 0.6608	0.7003	0.7144	0.6986	0.6822	Lin1	0.0002	0.6699							0.9990		0.9900
DCB Decachlorobiphenyl	0.7699 0.6896	0.7629	0.7446	0.7316	0.6953	Lin1	0.0003	0.6927							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-57930-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 03:29 Calibration End Date: 11/17/2015 04:59 Calibration ID: 31555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/28	P1200063.D
Level 2	STD01 240-207007/29	P1200064.D
Level 3	STD02 240-207007/30	P1200065.D
Level 4	STD05 240-207007/31	P1200066.D
Level 5	STD1 240-207007/32	P1200067.D
Level 6	STD2 240-207007/33	P1200068.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Lin1	2707871 80765612	4820722	9085846	22006625	42447741	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Lin1	4700873 147609677	8734684	16183493	39469767	76715703	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Lin1	9792259 364184674	18438138	33886380	90045825	182657834	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Lin1	4396897 147122332	8128551	14710049	37512861	75171974	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Lin1	4563462 145010499	8352402	15341259	37426880	74524891	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Lin1	6849336 233433821	12383500	23597918	58080604	117631104	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Lin1	12922388 454390240	22631342	45372536	113933482	228581266	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Lin1	13513426 488067042	23245320	47522931	120987145	244049421	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Lin1	13737456 554191846	26050869	56208655	145378951	285103725	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Lin1	7764692 298012472	14617316	27852633	72613053	149980149	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	7322625 256611202	12827811	26051804	65705303	132973208	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	7998062 267771950	13974803	27151934	68816182	135510483	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-207007/39 Calibration Date: 11/17/2015 06:48

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200074.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0109		1.01	1.00	1.2	20.0
PCB-1016 Peak 2	Lin1		0.0209		1.07	1.00	6.9	20.0
PCB-1016 Peak 3	Lin1		0.0504		1.07	1.00	7.2	20.0
PCB-1016 Peak 4	Lin1		0.0205		1.07	1.00	6.9	20.0
PCB-1016 Peak 5	Lin1		0.0196		1.03	1.00	3.0	20.0
PCB-1260 Peak 1	Lin1		0.0302		0.995	1.00	-0.5	20.0
PCB-1260 Peak 2	Lin1		0.0570		0.967	1.00	-3.3	20.0
PCB-1260 Peak 3	Lin1		0.0535		0.848	1.00	-15.2	20.0
PCB-1260 Peak 4	Lin1		0.0824		1.13	1.00	13.1	20.0
PCB-1260 Peak 5	Lin1		0.0405		1.05	1.00	5.3	20.0
Tetrachloro-m-xylene	Lin1		0.6836		0.0507	0.0500	1.5	20.0
DCB Decachlorobiphenyl	Lin1		0.6921		0.0495	0.0500	-1.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: ICV 240-207007/39 Calibration Date: 11/17/2015 06:48

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200074.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.61	4.58	4.64
PCB-1016 Peak 2	5.11	5.08	5.14
PCB-1016 Peak 3	5.74	5.71	5.77
PCB-1016 Peak 4	5.91	5.88	5.94
PCB-1016 Peak 5	6.45	6.42	6.48
PCB-1260 Peak 1	7.95	7.92	7.98
PCB-1260 Peak 2	8.29	8.26	8.32
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.40	9.37	9.43
PCB-1260 Peak 5	9.72	9.69	9.75
Tetrachloro-m-xylene	4.05	4.02	4.08
DCB Decachlorobiphenyl	10.93	10.90	10.96

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/3 Calibration Date: 11/18/2015 18:06

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200039.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0113		0.513	0.500	2.5	20.0
PCB-1016 Peak 2	Lin1		0.0196		0.490	0.500	-1.9	20.0
PCB-1016 Peak 3	Lin1		0.0438		0.465	0.500	-7.1	20.0
PCB-1016 Peak 4	Lin1		0.0181		0.466	0.500	-6.7	20.0
PCB-1016 Peak 5	Lin1		0.0184		0.476	0.500	-4.9	20.0
PCB-1260 Peak 1	Lin1		0.0286		0.467	0.500	-6.7	20.0
PCB-1260 Peak 2	Lin1		0.0526		0.443	0.500	-11.4	20.0
PCB-1260 Peak 3	Lin1		0.0569		0.450	0.500	-10.0	20.0
PCB-1260 Peak 4	Lin1		0.0644		0.442	0.500	-11.6	20.0
PCB-1260 Peak 5	Lin1		0.0336		0.437	0.500	-12.7	20.0
Tetrachloro-m-xylene	Lin1		0.6747		0.0249	0.0250	-0.4	20.0
DCB Decachlorobiphenyl	Lin1		0.5804		0.0205	0.0250	-18.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/3 Calibration Date: 11/18/2015 18:06

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200039.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.61	4.58	4.64
PCB-1016 Peak 2	5.11	5.08	5.14
PCB-1016 Peak 3	5.74	5.71	5.77
PCB-1016 Peak 4	5.91	5.88	5.94
PCB-1016 Peak 5	6.45	6.42	6.48
PCB-1260 Peak 1	7.95	7.92	7.98
PCB-1260 Peak 2	8.29	8.26	8.32
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.40	9.37	9.43
PCB-1260 Peak 5	9.72	9.69	9.75
Tetrachloro-m-xylene	4.05	4.02	4.08
DCB Decachlorobiphenyl	10.93	10.90	10.96

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/4 Calibration Date: 11/18/2015 18:24

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 20:14

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 21:45

Lab File ID: P1200040.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin1		0.0135		0.536	0.500	7.3	20.0
PCB-1232 Peak 2	Lin1		0.0095		0.519	0.500	3.7	20.0
PCB-1232 Peak 3	Lin1		0.0210		0.504	0.500	0.7	20.0
PCB-1232 Peak 4	Lin1		0.0090		0.528	0.500	5.7	20.0
PCB-1232 Peak 5	Lin1		0.0082		0.517	0.500	3.4	20.0
PCB-1262 Peak 1	Lin1		0.0240		0.506	0.500	1.2	20.0
PCB-1262 Peak 2	Lin1		0.0409		0.456	0.500	-8.7	20.0
PCB-1262 Peak 3	Lin1		0.0374		0.455	0.500	-9.1	20.0
PCB-1262 Peak 4	Lin1		0.0933		0.482	0.500	-3.6	20.0
PCB-1262 Peak 5	Lin1		0.0356		0.466	0.500	-6.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/4 Calibration Date: 11/18/2015 18:24

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 20:14

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 21:45

Lab File ID: P1200040.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.61	4.58	4.64
PCB-1232 Peak 2	5.11	5.08	5.14
PCB-1232 Peak 3	5.74	5.71	5.77
PCB-1232 Peak 4	5.91	5.88	5.94
PCB-1232 Peak 5	6.45	6.42	6.48
PCB-1262 Peak 1	7.96	7.93	7.99
PCB-1262 Peak 2	8.75	8.72	8.78
PCB-1262 Peak 3	9.03	9.00	9.06
PCB-1262 Peak 4	9.40	9.37	9.43
PCB-1262 Peak 5	9.77	9.74	9.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/5 Calibration Date: 11/18/2015 18:43

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 22:03

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 23:33

Lab File ID: P1200041.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0089		0.516	0.500	3.3	20.0
PCB-1242 Peak 2	Lin1		0.0161		0.501	0.500	0.2	20.0
PCB-1242 Peak 3	Lin1		0.0361		0.477	0.500	-4.5	20.0
PCB-1242 Peak 4	Lin1		0.0154		0.493	0.500	-1.3	20.0
PCB-1242 Peak 5	Lin1		0.0156		0.490	0.500	-2.1	20.0
PCB-1268 Peak 1	Lin1		0.0979		0.438	0.500	-12.5	20.0
PCB-1268 Peak 2	Lin1		0.0977		0.449	0.500	-10.3	20.0
PCB-1268 Peak 3	Lin1		0.0830		0.448	0.500	-10.4	20.0
PCB-1268 Peak 4	Lin1		0.0338		0.441	0.500	-11.8	20.0
PCB-1268 Peak 5	Lin1		0.2750		0.438	0.500	-12.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/5 Calibration Date: 11/18/2015 18:43

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 22:03

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 23:33

Lab File ID: P1200041.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.61	4.58	4.64
PCB-1242 Peak 2	5.11	5.08	5.14
PCB-1242 Peak 3	5.74	5.71	5.77
PCB-1242 Peak 4	5.91	5.88	5.94
PCB-1242 Peak 5	6.45	6.42	6.48
PCB-1268 Peak 1	9.77	9.74	9.80
PCB-1268 Peak 2	9.81	9.78	9.84
PCB-1268 Peak 3	10.03	10.00	10.06
PCB-1268 Peak 4	10.44	10.41	10.47
PCB-1268 Peak 5	10.74	10.71	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/6 Calibration Date: 11/18/2015 19:01

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 23:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 01:22

Lab File ID: P1200042.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin1		0.0088		0.508	0.500	1.7	20.0
PCB-1248 Peak 2	Lin1		0.0233		0.478	0.500	-4.3	20.0
PCB-1248 Peak 3	Lin1		0.0215		0.478	0.500	-4.4	20.0
PCB-1248 Peak 4	Lin1		0.0183		0.475	0.500	-5.0	20.0
PCB-1248 Peak 5	Lin1		0.0121		0.486	0.500	-2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/6 Calibration Date: 11/18/2015 19:01

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 23:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 01:22

Lab File ID: P1200042.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.11	5.08	5.14
PCB-1248 Peak 2	5.74	5.71	5.77
PCB-1248 Peak 3	7.01	6.98	7.04
PCB-1248 Peak 4	7.26	7.23	7.29
PCB-1248 Peak 5	7.73	7.70	7.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/7 Calibration Date: 11/18/2015 19:19

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 01:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 03:10

Lab File ID: P1200043.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin1		0.0065		0.535	0.500	7.0	20.0
PCB-1221 Peak 2	Lin1		0.0043		0.543	0.500	8.6	20.0
PCB-1221 Peak 3	Lin1		0.0165		0.536	0.500	7.1	20.0
PCB-1254 Peak 1	Lin1		0.0213		0.517	0.500	3.5	20.0
PCB-1254 Peak 2	Lin1		0.0299		0.508	0.500	1.6	20.0
PCB-1254 Peak 3	Lin1		0.0445		0.537	0.500	7.5	20.0
PCB-1254 Peak 4	Lin1		0.0372		0.516	0.500	3.2	20.0
PCB-1254 Peak 5	Lin1		0.0463		0.502	0.500	0.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCV 240-207364/7 Calibration Date: 11/18/2015 19:19

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 01:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 03:10

Lab File ID: P1200043.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.34	4.31	4.37
PCB-1221 Peak 2	4.55	4.52	4.58
PCB-1221 Peak 3	4.61	4.58	4.64
PCB-1254 Peak 1	6.93	6.90	6.96
PCB-1254 Peak 2	7.26	7.23	7.29
PCB-1254 Peak 3	7.73	7.70	7.76
PCB-1254 Peak 4	8.07	8.04	8.10
PCB-1254 Peak 5	8.62	8.59	8.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207364/28 Calibration Date: 11/19/2015 01:40

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200064.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0112		0.508	0.500	1.6	20.0
PCB-1016 Peak 2	Lin1		0.0198		0.495	0.500	-0.9	20.0
PCB-1016 Peak 3	Lin1		0.0450		0.478	0.500	-4.5	20.0
PCB-1016 Peak 4	Lin1		0.0186		0.477	0.500	-4.6	20.0
PCB-1016 Peak 5	Lin1		0.0187		0.482	0.500	-3.7	20.0
PCB-1260 Peak 1	Lin1		0.0291		0.476	0.500	-4.9	20.0
PCB-1260 Peak 2	Lin1		0.0555		0.468	0.500	-6.4	20.0
PCB-1260 Peak 3	Lin1		0.0589		0.466	0.500	-6.9	20.0
PCB-1260 Peak 4	Lin1		0.0652		0.448	0.500	-10.4	20.0
PCB-1260 Peak 5	Lin1		0.0349		0.453	0.500	-9.4	20.0
Tetrachloro-m-xylene	Lin1		0.6633		0.0245	0.0250	-2.1	20.0
DCB Decachlorobiphenyl	Lin1		0.5855		0.0207	0.0250	-17.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Lab Sample ID: CCVIS 240-207364/28 Calibration Date: 11/19/2015 01:40

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200064.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.61	4.58	4.64
PCB-1016 Peak 2	5.11	5.08	5.14
PCB-1016 Peak 3	5.74	5.71	5.77
PCB-1016 Peak 4	5.91	5.88	5.94
PCB-1016 Peak 5	6.45	6.42	6.48
PCB-1260 Peak 1	7.96	7.93	7.99
PCB-1260 Peak 2	8.29	8.26	8.32
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.40	9.37	9.43
PCB-1260 Peak 5	9.72	9.69	9.75
Tetrachloro-m-xylene	4.05	4.02	4.08
DCB Decachlorobiphenyl	10.93	10.90	10.96

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206917/21-A

Matrix: Solid | Lab File ID: P1200062.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 01:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	12	U	33	12
11104-28-2	Aroclor-1221	16	U	33	16
11141-16-5	Aroclor-1232	20	U	33	20
53469-21-9	Aroclor-1242	11	U	33	11
12672-29-6	Aroclor-1248	8.0	U	33	8.0
11097-69-1	Aroclor-1254	14	U	33	14
11096-82-5	Aroclor-1260	9.0	U	33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		13-134
2051-24-3	DCB Decachlorobiphenyl	79		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-206917/22-A

Matrix: Solid | Lab File ID: P1200063.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 30(g) | Date Analyzed: 11/19/2015 01:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	251		33	12
11096-82-5	Aroclor-1260	253		33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	77		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57880-E-1-B MS

Matrix: Solid | Lab File ID: P1200066.D

Analysis Method: 8082A | Date Collected: 11/12/2015 10:30

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.95(g) | Date Analyzed: 11/19/2015 02:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	518		44	16
11104-28-2	Aroclor-1221	21	U	44	21
11141-16-5	Aroclor-1232	27	U	44	27
53469-21-9	Aroclor-1242	15	U	44	15
12672-29-6	Aroclor-1248	11	U	44	11
11097-69-1	Aroclor-1254	19	U	44	19
11096-82-5	Aroclor-1260	266		44	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	94		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57930-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-57880-E-1-C MSD

Matrix: Solid | Lab File ID: P1200067.D

Analysis Method: 8082A | Date Collected: 11/12/2015 10:30

Extraction Method: 3540C | Date Extracted: 11/16/2015 09:32

Sample wt/vol: 29.75(g) | Date Analyzed: 11/19/2015 02:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 207364 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	638		44	16
11104-28-2	Aroclor-1221	21	U	44	21
11141-16-5	Aroclor-1232	27	U	44	27
53469-21-9	Aroclor-1242	15	U	44	15
12672-29-6	Aroclor-1248	11	U	44	11
11097-69-1	Aroclor-1254	19	U	44	19
11096-82-5	Aroclor-1260	331		44	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		13-134
2051-24-3	DCB Decachlorobiphenyl	87		10-155

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-207007/4 IC		11/16/2015 20:14	1	P1200039.D	CLP-1 0.53(mm)
STD005 240-207007/4 IC		11/16/2015 20:14	1		CLP-2 0.53(mm)
STD01 240-207007/5 IC		11/16/2015 20:32	1	P1200040.D	CLP-1 0.53(mm)
STD01 240-207007/5 IC		11/16/2015 20:32	1		CLP-2 0.53(mm)
STD02 240-207007/6 IC		11/16/2015 20:50	1	P1200041.D	CLP-1 0.53(mm)
STD02 240-207007/6 IC		11/16/2015 20:50	1		CLP-2 0.53(mm)
STD05 240-207007/7 IC		11/16/2015 21:09	1	P1200042.D	CLP-1 0.53(mm)
STD05 240-207007/7 IC		11/16/2015 21:09	1		CLP-2 0.53(mm)
STD1 240-207007/8 IC		11/16/2015 21:27	1	P1200043.D	CLP-1 0.53(mm)
STD1 240-207007/8 IC		11/16/2015 21:27	1		CLP-2 0.53(mm)
STD2 240-207007/9 IC		11/16/2015 21:45	1	P1200044.D	CLP-1 0.53(mm)
STD2 240-207007/9 IC		11/16/2015 21:45	1		CLP-2 0.53(mm)
STD005 240-207007/10 IC		11/16/2015 22:03	1	P1200045.D	CLP-1 0.53(mm)
STD005 240-207007/10 IC		11/16/2015 22:03	1		CLP-2 0.53(mm)
STD01 240-207007/11 IC		11/16/2015 22:21	1	P1200046.D	CLP-1 0.53(mm)
STD01 240-207007/11 IC		11/16/2015 22:21	1		CLP-2 0.53(mm)
STD02 240-207007/12 IC		11/16/2015 22:39	1	P1200047.D	CLP-1 0.53(mm)
STD02 240-207007/12 IC		11/16/2015 22:39	1		CLP-2 0.53(mm)
STD05 240-207007/13 IC		11/16/2015 22:57	1	P1200048.D	CLP-1 0.53(mm)
STD05 240-207007/13 IC		11/16/2015 22:57	1		CLP-2 0.53(mm)
STD1 240-207007/14 IC		11/16/2015 23:15	1	P1200049.D	CLP-1 0.53(mm)
STD1 240-207007/14 IC		11/16/2015 23:15	1		CLP-2 0.53(mm)
STD2 240-207007/15 IC		11/16/2015 23:33	1	P1200050.D	CLP-1 0.53(mm)
STD2 240-207007/15 IC		11/16/2015 23:33	1		CLP-2 0.53(mm)
STD005 240-207007/16 IC		11/16/2015 23:51	1	P1200051.D	CLP-1 0.53(mm)
STD005 240-207007/16 IC		11/16/2015 23:51	1		CLP-2 0.53(mm)
STD01 240-207007/17 IC		11/17/2015 00:09	1	P1200052.D	CLP-1 0.53(mm)
STD01 240-207007/17 IC		11/17/2015 00:09	1		CLP-2 0.53(mm)
STD02 240-207007/18 IC		11/17/2015 00:28	1	P1200053.D	CLP-1 0.53(mm)
STD02 240-207007/18 IC		11/17/2015 00:28	1		CLP-2 0.53(mm)
STD05 240-207007/19 IC		11/17/2015 00:46	1	P1200054.D	CLP-1 0.53(mm)
STD05 240-207007/19 IC		11/17/2015 00:46	1		CLP-2 0.53(mm)
STD1 240-207007/20 IC		11/17/2015 01:04	1	P1200055.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-207007/20 IC		11/17/2015 01:04	1		CLP-2 0.53(mm)
STD2 240-207007/21 IC		11/17/2015 01:22	1	P1200056.D	CLP-1 0.53(mm)
STD2 240-207007/21 IC		11/17/2015 01:22	1		CLP-2 0.53(mm)
STD005 240-207007/22 IC		11/17/2015 01:40	1	P1200057.D	CLP-1 0.53(mm)
STD005 240-207007/22 IC		11/17/2015 01:40	1		CLP-2 0.53(mm)
STD01 240-207007/23 IC		11/17/2015 01:58	1	P1200058.D	CLP-1 0.53(mm)
STD01 240-207007/23 IC		11/17/2015 01:58	1		CLP-2 0.53(mm)
STD02 240-207007/24 IC		11/17/2015 02:16	1	P1200059.D	CLP-1 0.53(mm)
STD02 240-207007/24 IC		11/17/2015 02:16	1		CLP-2 0.53(mm)
STD05 240-207007/25 IC		11/17/2015 02:34	1	P1200060.D	CLP-1 0.53(mm)
STD05 240-207007/25 IC		11/17/2015 02:34	1		CLP-2 0.53(mm)
STD1 240-207007/26 IC		11/17/2015 02:52	1	P1200061.D	CLP-1 0.53(mm)
STD1 240-207007/26 IC		11/17/2015 02:52	1		CLP-2 0.53(mm)
STD2 240-207007/27 IC		11/17/2015 03:10	1	P1200062.D	CLP-1 0.53(mm)
STD2 240-207007/27 IC		11/17/2015 03:10	1		CLP-2 0.53(mm)
STD005 240-207007/28 IC		11/17/2015 03:29	1	P1200063.D	CLP-1 0.53(mm)
STD005 240-207007/28 IC		11/17/2015 03:29	1		CLP-2 0.53(mm)
STD01 240-207007/29 IC		11/17/2015 03:47	1	P1200064.D	CLP-1 0.53(mm)
STD01 240-207007/29 IC		11/17/2015 03:47	1		CLP-2 0.53(mm)
STD02 240-207007/30 IC		11/17/2015 04:05	1	P1200065.D	CLP-1 0.53(mm)
STD02 240-207007/30 IC		11/17/2015 04:05	1		CLP-2 0.53(mm)
STD05 240-207007/31 ICIS		11/17/2015 04:23	1	P1200066.D	CLP-1 0.53(mm)
STD05 240-207007/31 ICIS		11/17/2015 04:23	1		CLP-2 0.53(mm)
STD1 240-207007/32 IC		11/17/2015 04:41	1	P1200067.D	CLP-1 0.53(mm)
STD1 240-207007/32 IC		11/17/2015 04:41	1		CLP-2 0.53(mm)
STD2 240-207007/33 IC		11/17/2015 04:59	1	P1200068.D	CLP-1 0.53(mm)
STD2 240-207007/33 IC		11/17/2015 04:59	1		CLP-2 0.53(mm)
ICV 240-207007/34		11/17/2015 05:17	1		CLP-1 0.53(mm)
ICV 240-207007/34		11/17/2015 05:17	1		CLP-2 0.53(mm)
ICV 240-207007/35		11/17/2015 05:35	1		CLP-1 0.53(mm)
ICV 240-207007/35		11/17/2015 05:35	1		CLP-2 0.53(mm)
ICV 240-207007/36		11/17/2015 05:53	1		CLP-1 0.53(mm)
ICV 240-207007/36		11/17/2015 05:53	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-207007/37		11/17/2015 06:12	1		CLP-1 0.53(mm)
ICV 240-207007/37		11/17/2015 06:12	1		CLP-2 0.53(mm)
ICV 240-207007/38		11/17/2015 06:30	1		CLP-1 0.53(mm)
ICV 240-207007/38		11/17/2015 06:30	1		CLP-2 0.53(mm)
ICV 240-207007/39		11/17/2015 06:48	1	P1200074.D	CLP-1 0.53(mm)
ICV 240-207007/39		11/17/2015 06:48	1		CLP-2 0.53(mm)
ICV 240-207007/40		11/17/2015 07:06	1		CLP-1 0.53(mm)
ICV 240-207007/40		11/17/2015 07:06	1		CLP-2 0.53(mm)
ICV 240-207007/41		11/17/2015 07:24	1		CLP-1 0.53(mm)
ICV 240-207007/41		11/17/2015 07:24	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/18/2015 18:06

Analysis Batch Number: 207364 End Date: 11/19/2015 02:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-207364/3 CCVIS		11/18/2015 18:06	1	P1200039.D	CLP-1 0.53(mm)
CCV 240-207364/3 CCVIS		11/18/2015 18:06	1		CLP-2 0.53(mm)
CCV 240-207364/4		11/18/2015 18:24	1	P1200040.D	CLP-1 0.53(mm)
CCV 240-207364/4		11/18/2015 18:24	1		CLP-2 0.53(mm)
CCV 240-207364/5		11/18/2015 18:43	1	P1200041.D	CLP-1 0.53(mm)
CCV 240-207364/5		11/18/2015 18:43	1		CLP-2 0.53(mm)
CCV 240-207364/6		11/18/2015 19:01	1	P1200042.D	CLP-1 0.53(mm)
CCV 240-207364/6		11/18/2015 19:01	1		CLP-2 0.53(mm)
CCV 240-207364/7		11/18/2015 19:19	1	P1200043.D	CLP-1 0.53(mm)
CCV 240-207364/7		11/18/2015 19:19	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2015 19:55	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2015 19:55	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2015 20:13	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2015 20:13	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2015 21:44	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2015 21:44	1		CLP-2 0.53(mm)
240-57930-6	F-VB-UST-P-2	11/18/2015 22:02	1	P1200052.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 22:02	1		CLP-2 0.53(mm)
240-57930-7	F-VB-UST-P-3	11/18/2015 22:20	1	P1200053.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 22:20	1		CLP-2 0.53(mm)
240-57930-8	F-VB-UST-P-4	11/18/2015 22:38	1	P1200054.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 22:38	1		CLP-2 0.53(mm)
240-57930-9	F-VB-UST-P-5	11/18/2015 22:56	1	P1200055.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 22:56	1		CLP-2 0.53(mm)
240-57930-10	F-VB-UST-P-6	11/18/2015 23:15	1	P1200056.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 23:15	1		CLP-2 0.53(mm)
240-57930-11	F-VS-UST-P-DUP	11/18/2015 23:33	1	P1200057.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 23:33	1		CLP-2 0.53(mm)
240-57930-1	F-VS-UST-P-1	11/18/2015 23:51	1	P1200058.D	CLP-1 0.53(mm)
ZZZZZ		11/18/2015 23:51	1		CLP-2 0.53(mm)
240-57930-2	F-VS-UST-P-2	11/19/2015 00:09	1	P1200059.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 00:09	1		CLP-2 0.53(mm)
240-57930-3	F-VS-UST-P-3	11/19/2015 00:27	1	P1200060.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 00:27	1		CLP-2 0.53(mm)
240-57930-4	F-VS-UST-P-4	11/19/2015 00:45	1	P1200061.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 00:45	1		CLP-2 0.53(mm)
MB 240-206917/21-A		11/19/2015 01:03	1	P1200062.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 01:03	1		CLP-2 0.53(mm)
LCS 240-206917/22-A		11/19/2015 01:21	1	P1200063.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 01:21	1		CLP-2 0.53(mm)
CCVIS 240-207364/28		11/19/2015 01:40	1	P1200064.D	CLP-1 0.53(mm)
CCVIS 240-207364/28		11/19/2015 01:40	1		CLP-2 0.53(mm)
240-57930-5	F-VB-UST-P-1	11/19/2015 01:58	1	P1200065.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 01:58	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/18/2015 18:06

Analysis Batch Number: 207364 End Date: 11/19/2015 02:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-57880-E-1-B MS		11/19/2015 02:16	1	P1200066.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 02:16	1		CLP-2 0.53(mm)
240-57880-E-1-C MSD		11/19/2015 02:34	1	P1200067.D	CLP-1 0.53(mm)
ZZZZZ		11/19/2015 02:34	1		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 206917 Batch Start Date: 11/16/15 09:32 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ex10PPMSPK 00018	ex2/.2SURRW 00062		
240-57930-D-6	F-VB-UST-P-2	3540C, 8082A	T	29.88 g	10 mL		1 mL		
240-57930-D-7	F-VB-UST-P-3	3540C, 8082A	T	30.01 g	10 mL		1 mL		
240-57930-D-8	F-VB-UST-P-4	3540C, 8082A	T	29.74 g	10 mL		1 mL		
240-57930-D-9	F-VB-UST-P-5	3540C, 8082A	T	29.69 g	10 mL		1 mL		
240-57930-D-10	F-VB-UST-P-6	3540C, 8082A	T	29.68 g	10 mL		1 mL		
240-57930-D-11	F-VS-UST-P-DUP	3540C, 8082A	T	29.83 g	10 mL		1 mL		
240-57930-D-1	F-VS-UST-P-1	3540C, 8082A	T	29.62 g	10 mL		1 mL		
240-57930-D-2	F-VS-UST-P-2	3540C, 8082A	T	30.44 g	10 mL		1 mL		
240-57930-D-3	F-VS-UST-P-3	3540C, 8082A	T	29.65 g	10 mL		1 mL		
240-57930-D-4	F-VS-UST-P-4	3540C, 8082A	T	30.41 g	10 mL		1 mL		
240-57930-D-5	F-VB-UST-P-1	3540C, 8082A	T	30.45 g	10 mL		1 mL		
240-57880-E-1 MS		3540C, 8082A	T	29.95 g	10 mL	1 mL	1 mL		
240-57880-E-1 MSD		3540C, 8082A	T	29.75 g	10 mL	1 mL	1 mL		
MB 240-206917/21		3540C, 8082A		30 g	10 mL		1 mL		
LCS 240-206917/22		3540C, 8082A		30 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	2226516
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2286385

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57930-1

SDG No.:

Project: LM MRC Block F UST Pipe Inv.

Client Sample ID	Lab Sample ID
F-VS-UST-P-1	240-57930-1
F-VS-UST-P-2	240-57930-2
F-VS-UST-P-3	240-57930-3
F-VS-UST-P-4	240-57930-4
F-VB-UST-P-1	240-57930-5
F-VB-UST-P-2	240-57930-6
F-VB-UST-P-3	240-57930-7
F-VB-UST-P-4	240-57930-8
F-VB-UST-P-5	240-57930-9
F-VB-UST-P-6	240-57930-10
F-VS-UST-P-DUP	240-57930-11

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57930-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-57930-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/16/2015 15:41 End Date: 11/16/2015 16:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
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240-57930-11	1	T	15:41	X	X																			
240-57930-10	1	T	15:41	X	X																			
240-57930-9 DU	1	T	15:41	X	X																			
240-57930-9	1	T	15:41	X	X																			
240-57930-8	1	T	15:41	X	X																			
240-57930-7	1	T	15:41	X	X																			
240-57930-6	1	T	15:41	X	X																			
240-57930-5	1	T	15:41	X	X																			
240-57930-4	1	T	15:41	X	X																			
240-57930-3	1	T	15:41	X	X																			
240-57930-2	1	T	15:41	X	X																			
240-57930-1	1	T	15:41	X	X																			
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ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/16/2015 15:41 End Date: 11/16/2015 16:19

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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/16/2015 15:41 End Date: 11/16/2015 16:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
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Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57930-1

SDG No.:

Batch Number: 207016 Batch Start Date: 11/16/15 15:41 Batch Analyst: Nguyen, Diem

Batch Method: Moisture Batch End Date: 11/17/15 11:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-57930-A-11	F-VS-UST-P-DUP	Moisture	T	4.3999 g	25.3910 g	22.1197 g			
240-57930-A-10	F-VB-UST-P-6	Moisture	T	4.3999 g	20.4530 g	18.0088 g			
240-57930-A-9 DU	F-VB-UST-P-5	Moisture	T	4.3999 g	12.2743 g	10.9709 g			
240-57930-A-9	F-VB-UST-P-5	Moisture	T	4.3999 g	13.5764 g	12.0435 g			
240-57930-A-8	F-VB-UST-P-4	Moisture	T	4.3999 g	19.2510 g	16.8544 g			
240-57930-A-7	F-VB-UST-P-3	Moisture	T	4.3999 g	19.6277 g	16.7311 g			
240-57930-A-6	F-VB-UST-P-2	Moisture	T	4.3999 g	20.3591 g	17.8812 g			
240-57930-A-5	F-VB-UST-P-1	Moisture	T	4.3999 g	20.9501 g	18.4096 g			
240-57930-A-4	F-VS-UST-P-4	Moisture	T	4.3999 g	26.5689 g	22.8205 g			
240-57930-A-3	F-VS-UST-P-3	Moisture	T	4.3999 g	32.9572 g	28.5613 g			
240-57930-A-2	F-VS-UST-P-2	Moisture	T	4.3999 g	32.1604 g	27.8729 g			
240-57930-A-1	F-VS-UST-P-1	Moisture	T	4.3999 g	25.5114 g	22.3368 g			

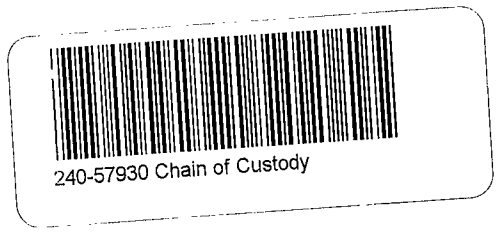
Batch Notes	
Balance ID	B047 No Unit
Date and Time Samples in Desiccator	11/17/15; 05:00
Date and Time Samples out of Desiccator	11/17/15; 9:35
Date samples were placed in the oven	11/16/15
Oven Temp when samples are put in oven	103.9 Degrees C
Time samples were place in the oven	16:30
Date samples were removed from oven	11/17/15
Oven Temp when samples removed from oven	103.6 Degrees C
Time Samples were removed from oven	05:00
Oven ID	002
ID number of the thermometer	Tempguard Box-C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

3.3/C3.4

Chain of Custody Record

#48 016105

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: MULLIS	Date: 11/13/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412 921 7134	Lab Contact: MCFADDEN	Carrier: FedEx	1 of 1 COCs
Address: 20251 Century Blvd. Ste. 200	Analysis Turnaround Time			Sampler:
City/State/Zip: Germantown, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks (5 DAYS)			Lab Sampling:
Project Name: BLOCK F, MRC SOIL REMEDY	☐ 1 week			
Site: BLOCK F, UST PIPE INV.	☐ 2 days			Job / SDG No.:
PO # 112IC07336	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs (8260)	TPH GRO/DRO (8015)	SVOCs (8270)	PCBs (8082)	Sample Specific Notes:
F-VS-UST-P-1	11/13/15	1030	G	SO	3			K	K	K	K	SAMPLES MAY
F-VS-UST-P-2		1035						K	K	K	K	CONTAIN HIGH
F-VS-UST-P-3		1040						K	K	K	K	CONTAMINATION
F-VS-UST-P-4		1045						K	K	K	K	
F-VB-UST-P-1		1000						K	K	K	K	
F-VB-UST-P-2		1005						K	K	K	K	
F-VB-UST-P-3		1010						K	K	K	K	
F-VB-UST-P-4		1015						K	K	K	K	
F-VB-UST-P-5		1020						K	K	K	K	
F-VB-UST-P-6		1025						K	K	K	K	
F-VS-UST-P-DUP		—						K	K	K	K	# DUPLICATE
TB-111315		—		AQ	2			K				

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: MRC SOIL REMEDY; BLOCK F UST PIPE INVESTIGATION SAMPLES
VS Samples may contain high contamination, protect instruments

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	Tetra Tech	11/13/15 1500	Received by:	TestAmerica	11/13/15 1500
Relinquished by:	TT	11/13/15 1680	Received by:		
Relinquished by:			Received in Laboratory by: Jacquelyn Jenel	TANC	11/14/15 945

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 57930**
Canton Facility

Client Tetra Tech Site Name _____ Cooler unpacked by: J. Ferrel

Cooler Received on 11/14/15 Opened on 11/14/15

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 53 (CF +**0.1** °C) Observed Cooler Temp. 3.3 °C Corrected Cooler Temp. 3.4 °C

IR GUN# 48 (CF **-0.3** °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

IR GUN# 8 (CF **-0.5** °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? 4CF (Yes) No
3. Shippers' packing slip attached to the cooler(s)? 11/14/15 (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes (No)
7. Did all bottles arrive in good condition (Unbroken)? (Yes) No
8. Could all bottle labels be reconciled with the COC? (Yes) No
9. Were correct bottle(s) used for the test(s) indicated? (Yes) No
10. Sufficient quantity received to perform indicated analyses? (Yes) No
11. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC554612**
12. Were VOAs on the COC? (Yes) No
13. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # NONE (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-59482-1

Job Description: MRC Block F UST Pipe Inv.

For:
Tetra Tech, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220-2745

Attention: Mr. Scott Nesbit

Approved for release.
John McFadden
Project Manager I
1/6/2016 8:34 AM

John McFadden, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
john.mcfadden@testamericainc.com
01/06/2016

cc: Tony Apanavage
Samantha Brenner
Kelly Carper
Tobrena Sedlmyer

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

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Standards Data 378

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Method 8015C - DRO CCAL Data 381

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Method 8015C - DRO Blank Data 387

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Standards Data 405

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CASE NARRATIVE

Client: Tetra Tech, Inc.

Project: MRC Block F UST Pipe Inv.

Report Number: 240-59482-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT
The samples were received on 12/29/2015 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 12/30/2015.

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Naphthalene were detected in method blank MB 240-212606/24 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)
Sample TB-122815 (240-59482-1) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 01/04/2016.

2-Butanone (MEK) was detected in method blank MB 240-212893/8 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) for analytical batch 212893 exceeded control criteria for multiple compounds. The samples associated with this CCV were non-detects for the affected analytes. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compounds were detected; therefore the data has been reported. No further corrective action was required. TB-122815 (240-59482-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)
Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 12/30/2015 and analyzed on 12/31/2015.

Bis(2-ethylhexyl) phthalate, Di-n-butyl phthalate and Isophorone were detected in method blank MB 240-212548/7-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) associated with analytical batch 212723 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detect for this analyte; therefore, the data have been reported. The following samples are impacted: F-VB-UST-P-7 (240-59482-2), F-VB-UST-P-8 (240-59482-3) and (MB 240-212548/7-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS

Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015C - GRO. The samples were prepared and analyzed on 12/30/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS (DRO)

Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 12/30/2015 and analyzed on 12/31/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 12/30/2015 and analyzed on 01/04/2016.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples F-VB-UST-P-7 (240-59482-2) and F-VB-UST-P-8 (240-59482-3) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 12/29/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 211933

Lab Sample ID: STD4 240-211933/3 IC Client Sample ID:

Date Analyzed: 12/22/15 13:13 Lab File ID: 51222003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.41	Poor chromatography	ulmanm	12/22/15 13:55
Benzoic acid	7.36	Poor chromatography	ulmanm	12/22/15 13:55
4-Chloroaniline	7.71	Poor chromatography	ulmanm	12/22/15 13:55

Lab Sample ID: STD3 240-211933/4 IC Client Sample ID:

Date Analyzed: 12/22/15 13:39 Lab File ID: 51222004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.42	Poor chromatography	ulmanm	12/22/15 14:27

Lab Sample ID: STD2 240-211933/5 IC Client Sample ID:

Date Analyzed: 12/22/15 14:04 Lab File ID: 51222005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	3.40	Poor chromatography	ulmanm	12/22/15 14:44
Benzoic acid	7.34	Poor chromatography	ulmanm	12/22/15 14:44
4-Chloroaniline	7.71	Poor chromatography	ulmanm	12/22/15 14:44
Dibenz(a,h)anthracene	16.91	Poor chromatography	ulmanm	12/22/15 14:44

Lab Sample ID: STD1 240-211933/6 IC Client Sample ID:

Date Analyzed: 12/22/15 14:30 Lab File ID: 51222006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.92	Poor chromatography	ulmanm	12/22/15 15:05
Dibenz(a,h)anthracene	16.93	Poor chromatography	ulmanm	12/22/15 15:05
Benzo[g,h,i]perylene	17.59	Poor chromatography	ulmanm	12/22/15 15:05

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 211933

Lab Sample ID: STD9 240-211933/7 IC Client Sample ID:

Date Analyzed: 12/22/15 14:56 Lab File ID: 51222007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Caprolactam	8.02	Poor chromatography	ulmanm	12/22/15 15:28

Lab Sample ID: STD8 240-211933/8 IC Client Sample ID:

Date Analyzed: 12/22/15 15:21 Lab File ID: 51222008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Caprolactam	8.02	Poor chromatography	ulmanm	12/23/15 07:05

Lab Sample ID: STD6 240-211933/10 ICIS Client Sample ID:

Date Analyzed: 12/22/15 16:12 Lab File ID: 51222010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Chloroaniline	7.72	Poor chromatography	ulmanm	12/23/15 07:13

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 212723

Lab Sample ID: 240-59482-3 Client Sample ID: F-VB-UST-P-8

Date Analyzed: 12/31/15 12:08 Lab File ID: 51231007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.97	Poor chromatography	ulmanm	12/31/15 12:48
Dibenz(a,h)anthracene	16.55	Poor chromatography	ulmanm	01/04/16 07:23

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Analysis Batch Number: 207007

Lab Sample ID: STD05 240-207007/7 IC Client Sample ID:

Date Analyzed: 11/16/15 21:09 Lab File ID: P1200042.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 2	8.75	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 3	9.03	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 06:39
PCB-1262 Peak 5	9.77	Baseline Smoothing	hassl	11/17/15 06:39

Lab Sample ID: STD1 240-207007/8 IC Client Sample ID:

Date Analyzed: 11/16/15 21:27 Lab File ID: P1200043.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 2	8.75	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 3	9.03	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 06:40
PCB-1262 Peak 5	9.77	Baseline Smoothing	hassl	11/17/15 06:40

Lab Sample ID: STD02 240-207007/30 IC Client Sample ID:

Date Analyzed: 11/17/15 04:05 Lab File ID: P1200065.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	4.61	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 2	5.11	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 3	5.74	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 4	5.91	Baseline Smoothing	hassl	11/17/15 06:42
PCB-1016 Peak 5	6.45	Baseline Smoothing	hassl	11/17/15 06:42

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Analysis Batch Number: 207007

Lab Sample ID: ICV 240-207007/39 Client Sample ID:

Date Analyzed: 11/17/15 06:48 Lab File ID: P1200074.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	7.95	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 2	8.29	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 3	8.61	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 4	9.40	Baseline Smoothing	hassl	11/17/15 08:38
PCB-1260 Peak 5	9.72	Baseline Smoothing	hassl	11/17/15 08:38

SAMPLE SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-59482-1	TB-122815	Water	12/28/2015 0000	12/29/2015 0930
240-59482-2	F-VB-UST-P-7	Solid	12/28/2015 1000	12/29/2015 0930
240-59482-3	F-VB-UST-P-8	Solid	12/28/2015 1030	12/29/2015 0930

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-59482-1	**TB-122815**					
2-Butanone (MEK)		1.5	J B	10	ug/L	8260C
Acetone		1.8	J	10	ug/L	8260C
tert-Butyl alcohol (TBA)		5.1	J	50	ug/L	8260C
240-59482-2	**F-VB-UST-P-7**					
1,2,3-Trimethylbenzene		0.86	J	5.8	ug/Kg	8260C
1,2,4-Trimethylbenzene		1.9	J	5.8	ug/Kg	8260C
2-Butanone (MEK)		4.8	J	23	ug/Kg	8260C
Acetone		36		23	ug/Kg	8260C
Ethylbenzene		0.66	J	5.8	ug/Kg	8260C
Isopropylbenzene		0.24	J F2	5.8	ug/Kg	8260C
m-Xylene & p-Xylene		2.9	J	12	ug/Kg	8260C
Naphthalene		0.61	J B	5.8	ug/Kg	8260C
o-Xylene		1.2	J	5.8	ug/Kg	8260C
Toluene		1.6	J	5.8	ug/Kg	8260C
Xylenes, Total		4.1	J	12	ug/Kg	8260C
Bis(2-ethylhexyl) phthalate		160	B	86	ug/Kg	8270D
Di-n-butyl phthalate		30	J B F1	86	ug/Kg	8270D
Fluoranthene		9.3		8.2	ug/Kg	8270D
Isophorone		21	J B	61	ug/Kg	8270D
Naphthalene		4.3	J	8.2	ug/Kg	8270D
Phenanthrene		9.3		8.2	ug/Kg	8270D
Pyrene		7.9	J	8.2	ug/Kg	8270D
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-59482-3	**F-VB-UST-P-8**					
2-Butanone (MEK)		1.9	J	22	ug/Kg	8260C
p-Isopropyltoluene		0.57	J	5.5	ug/Kg	8260C
Acetone		9.4	J	22	ug/Kg	8260C
Isopropylbenzene		2.0	J	5.5	ug/Kg	8260C
Naphthalene		0.88	J B	5.5	ug/Kg	8260C
n-Butylbenzene		0.83	J	5.5	ug/Kg	8260C
N-Propylbenzene		1.9	J	5.5	ug/Kg	8260C
2-Methylnaphthalene		53		7.9	ug/Kg	8270D
Acenaphthene		63		7.9	ug/Kg	8270D
Anthracene		97		7.9	ug/Kg	8270D
Benzo[a]anthracene		140		7.9	ug/Kg	8270D
Benzo[a]pyrene		100		7.9	ug/Kg	8270D
Benzo[b]fluoranthene		180		7.9	ug/Kg	8270D
Benzo[g,h,i]perylene		51		7.9	ug/Kg	8270D
Benzo[k]fluoranthene		47		7.9	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		82	B	82	ug/Kg	8270D
Chrysene		94		7.9	ug/Kg	8270D
Dibenz(a,h)anthracene		16		7.9	ug/Kg	8270D
Dibenzofuran		51	J	59	ug/Kg	8270D
Di-n-butyl phthalate		23	J B	82	ug/Kg	8270D
Fluoranthene		490		7.9	ug/Kg	8270D
Fluorene		88		7.9	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		45		7.9	ug/Kg	8270D
Isophorone		20	J B	59	ug/Kg	8270D
Naphthalene		14		7.9	ug/Kg	8270D
Phenanthrene		570		7.9	ug/Kg	8270D
Pyrene		370		7.9	ug/Kg	8270D
Total Petroleum Hydrocarbons (C10-C32)		42		20	mg/Kg	8015C
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture

METHOD SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL CAN	SW846 8270D	
Soxhlet Extraction	TAL CAN		SW846 3540C
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	TAL CAN	SW846 8015C	
Purge and Trap	TAL CAN		SW846 5030A
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL CAN	SW846 8015C	
Soxhlet Extraction	TAL CAN		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CAN	SW846 8082A	
Soxhlet Extraction	TAL CAN		SW846 3540C
Percent Moisture	TAL CAN	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL CAN	SW846 8260C	
Purge and Trap	TAL CAN		SW846 5030C

Lab References:

TAL CAN = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method	Analyst	Analyst ID
SW846 8260C	Evans, Laura	LEE
SW846 8260C	Macenczak, Steven	SAM
SW846 8270D	Ulman, Mark	MRU
SW846 8015C	Reed, Rachel T	RTR
SW846 8015C	Bosworth, Heather M	HMB
SW846 8082A	Bosworth, Heather M	HMB
EPA Moisture	Woodward, Bruce	BLW

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: TB-122815

Lab Sample ID: 240-59482-1 Date Sampled: 12/28/2015 0000
Client Matrix: Water Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXC5597.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1207			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1207				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	1.5	J B	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	1.8	J	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0
tert-Butyl alcohol (TBA)	5.1	J	4.9	50

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **TB-122815**

Lab Sample ID: 240-59482-1 Date Sampled: 12/28/2015 0000
Client Matrix: Water Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	UXC5597.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1207			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1207				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	0.33	U	0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	93		79 - 120
4-Bromofluorobenzene (Surr)	112		61 - 120
1,2-Dichloroethane-d4 (Surr)	99		78 - 125

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-212657	Lab File ID:	147326.D
Dilution:	1.0			Initial Weight/Volume:	5.26 g
Analysis Date:	12/30/2015 2148			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.58	U	0.58	5.8
1,1,1-Trichloroethane		0.76	U	0.76	5.8
1,1,2,2-Tetrachloroethane		0.36	U	0.36	5.8
1,1,2-Trichloro-1,2,2-trifluoroethane		0.49	U	0.49	5.8
1,1-Dichloroethane		0.40	U	0.40	5.8
1,1-Dichloroethene		0.93	U	0.93	5.8
1,1-Dichloropropene		0.43	U	0.43	5.8
1,2,3-Trichlorobenzene		0.58	U	0.58	5.8
1,2,3-Trichloropropane		0.91	U	0.91	5.8
1,2,3-Trimethylbenzene		0.86	J	0.54	5.8
1,2,4-Trichlorobenzene		0.44	U	0.44	5.8
1,2,4-Trimethylbenzene		1.9	J	0.68	5.8
1,2-Dibromo-3-Chloropropane		3.2	U	3.2	12
1,2-Dichlorobenzene		0.40	U	0.40	5.8
1,2-Dichloroethane		0.54	U	0.54	5.8
1,2-Dichloropropane		0.16	U	0.16	5.8
1,3-Dichlorobenzene		0.80	U F2	0.80	5.8
1,3-Dichloropropane		0.47	U	0.47	5.8
1,4-Dichlorobenzene		0.33	U F2	0.33	5.8
2,2-Dichloropropane		0.51	U	0.51	5.8
2-Butanone (MEK)		4.8	J	1.3	23
2-Chloroethyl vinyl ether		0.75	U	0.75	58
2-Chlorotoluene		0.35	U F2	0.35	5.8
2-Hexanone		0.79	U	0.79	23
4-Chlorotoluene		0.30	U F2	0.30	5.8
p-Isopropyltoluene		0.48	U F2	0.48	5.8
4-Methyl-2-pentanone (MIBK)		1.4	U	1.4	23
Acetone		36		6.6	23
Benzene		1.0	U	1.0	5.8
Bromobenzene		0.38	U	0.38	5.8
Bromoform		0.28	U	0.28	5.8
Bromomethane		0.49	U	0.49	5.8
Carbon disulfide		0.69	U	0.69	5.8
Carbon tetrachloride		0.76	U	0.76	5.8
Chlorobenzene		0.62	U	0.62	5.8
Dibromochloromethane		0.43	U	0.43	5.8
Chloroethane		0.51	U	0.51	5.8
Chloroform		0.42	U	0.42	5.8
Chloromethane		0.92	U	0.92	5.8
cis-1,2-Dichloroethene		0.33	U	0.33	5.8
cis-1,3-Dichloropropene		0.83	U	0.83	5.8
Dibromomethane		0.49	U	0.49	5.8
Bromochloromethane		0.38	U	0.38	5.8
Dichlorodifluoromethane		0.33	U	0.33	5.8
Bromodichloromethane		0.34	U	0.34	5.8
tert-Butyl alcohol (TBA)		6.7	U	6.7	230

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-212657	Lab File ID:	147326.D
Dilution:	1.0			Initial Weight/Volume:	5.26 g
Analysis Date:	12/30/2015 2148			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.66	J	0.37	5.8
Hexachlorobutadiene		0.47	U F2	0.47	5.8
Diisopropyl ether		0.69	U	0.69	12
Isopropylbenzene		0.24	J F2	0.23	5.8
Methyl tert-butyl ether		0.50	U	0.50	5.8
Methylene Chloride		0.86	U	0.86	5.8
m-Xylene & p-Xylene		2.9	J	0.49	12
Naphthalene		0.61	J B	0.41	5.8
n-Butylbenzene		0.69	U F2	0.69	5.8
N-Propylbenzene		0.70	U F2	0.70	5.8
o-Xylene		1.2	J	0.66	5.8
sec-Butylbenzene		1.1	U F2	1.1	5.8
Styrene		0.47	U	0.47	5.8
Tert-amyl methyl ether		0.50	U	0.50	5.8
Ethyl t-butyl ether		0.48	U	0.48	5.8
Tetrachloroethene		0.93	U	0.93	5.8
Toluene		1.6	J	0.31	5.8
trans-1,2-Dichloroethene		0.37	U	0.37	5.8
trans-1,3-Dichloropropene		0.34	U	0.34	5.8
Trichloroethene		0.44	U	0.44	5.8
Trichlorofluoromethane		0.34	U	0.34	5.8
Vinyl acetate		0.77	U F1	0.77	12
Vinyl chloride		0.35	U	0.35	5.8
Xylenes, Total		4.1	J	0.63	12
tert-Butylbenzene		0.78	U F2	0.78	5.8
1,2-Dibromoethane		0.62	U	0.62	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	91		67 - 125
Dibromofluoromethane (Surr)	93		37 - 132
4-Bromofluorobenzene (Surr)	88		52 - 136
1,2-Dichloroethane-d4 (Surr)	100		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-212657	Lab File ID:	147330.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	12/30/2015 2314			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		0.55	U	0.55	5.5
1,1,1-Trichloroethane		0.71	U	0.71	5.5
1,1,2,2-Tetrachloroethane		0.34	U	0.34	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane		0.46	U	0.46	5.5
1,1-Dichloroethane		0.37	U	0.37	5.5
1,1-Dichloroethene		0.88	U	0.88	5.5
1,1-Dichloropropene		0.41	U	0.41	5.5
1,2,3-Trichlorobenzene		0.55	U	0.55	5.5
1,2,3-Trichloropropane		0.86	U	0.86	5.5
1,2,3-Trimethylbenzene		0.50	U	0.50	5.5
1,2,4-Trichlorobenzene		0.42	U	0.42	5.5
1,2,4-Trimethylbenzene		0.64	U	0.64	5.5
1,2-Dibromo-3-Chloropropane		3.0	U	3.0	11
1,2-Dichlorobenzene		0.37	U	0.37	5.5
1,2-Dichloroethane		0.50	U	0.50	5.5
1,2-Dichloropropane		0.15	U	0.15	5.5
1,3-Dichlorobenzene		0.76	U	0.76	5.5
1,3-Dichloropropane		0.44	U	0.44	5.5
1,4-Dichlorobenzene		0.31	U	0.31	5.5
2,2-Dichloropropane		0.48	U	0.48	5.5
2-Butanone (MEK)		1.9	J	1.2	22
2-Chloroethyl vinyl ether		0.70	U	0.70	55
2-Chlorotoluene		0.33	U	0.33	5.5
2-Hexanone		0.75	U	0.75	22
4-Chlorotoluene		0.29	U	0.29	5.5
p-Isopropyltoluene		0.57	J	0.45	5.5
4-Methyl-2-pentanone (MIBK)		1.3	U	1.3	22
Acetone		9.4	J	6.3	22
Benzene		0.99	U	0.99	5.5
Bromobenzene		0.36	U	0.36	5.5
Bromoform		0.26	U	0.26	5.5
Bromomethane		0.46	U	0.46	5.5
Carbon disulfide		0.65	U	0.65	5.5
Carbon tetrachloride		0.71	U	0.71	5.5
Chlorobenzene		0.58	U	0.58	5.5
Dibromochloromethane		0.41	U	0.41	5.5
Chloroethane		0.48	U	0.48	5.5
Chloroform		0.40	U	0.40	5.5
Chloromethane		0.87	U	0.87	5.5
cis-1,2-Dichloroethene		0.31	U	0.31	5.5
cis-1,3-Dichloropropene		0.78	U	0.78	5.5
Dibromomethane		0.46	U	0.46	5.5
Bromochloromethane		0.36	U	0.36	5.5
Dichlorodifluoromethane		0.31	U	0.31	5.5
Bromodichloromethane		0.32	U	0.32	5.5
tert-Butyl alcohol (TBA)		6.3	U	6.3	220

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Prep Method:	5030C	Prep Batch:	240-212657	Lab File ID:	147330.D
Dilution:	1.0			Initial Weight/Volume:	5.43 g
Analysis Date:	12/30/2015 2314			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethylbenzene		0.35	U	0.35	5.5
Hexachlorobutadiene		0.44	U	0.44	5.5
Diisopropyl ether		0.65	U	0.65	11
Isopropylbenzene		2.0	J	0.22	5.5
Methyl tert-butyl ether		0.47	U	0.47	5.5
Methylene Chloride		0.81	U	0.81	5.5
m-Xylene & p-Xylene		0.46	U	0.46	11
Naphthalene		0.88	J B	0.38	5.5
n-Butylbenzene		0.83	J	0.65	5.5
N-Propylbenzene		1.9	J	0.66	5.5
o-Xylene		0.63	U	0.63	5.5
sec-Butylbenzene		1.0	U	1.0	5.5
Styrene		0.44	U	0.44	5.5
Tert-amyl methyl ether		0.47	U	0.47	5.5
Ethyl t-butyl ether		0.45	U	0.45	5.5
Tetrachloroethene		0.88	U	0.88	5.5
Toluene		0.30	U	0.30	5.5
trans-1,2-Dichloroethene		0.35	U	0.35	5.5
trans-1,3-Dichloropropene		0.32	U	0.32	5.5
Trichloroethene		0.42	U	0.42	5.5
Trichlorofluoromethane		0.32	U	0.32	5.5
Vinyl acetate		0.72	U	0.72	11
Vinyl chloride		0.33	U	0.33	5.5
Xylenes, Total		0.59	U	0.59	11
tert-Butylbenzene		0.74	U	0.74	5.5
1,2-Dibromoethane		0.58	U	0.58	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	91		67 - 125
Dibromofluoromethane (Surr)	90		37 - 132
4-Bromofluorobenzene (Surr)	87		52 - 136
1,2-Dichloroethane-d4 (Surr)	97		58 - 123

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-212548	Lab File ID:	51231008.D
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Analysis Date:	12/31/2015 1233			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.3	U	4.3	61
bis (2-chloroisopropyl) ether		12	U	12	120
2,4,5-Trichlorophenol		31	U	31	180
2,4,6-Trichlorophenol		11	U	11	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		26	U	26	400
2,4-Dinitrotoluene		21	U	21	240
2,6-Dinitrotoluene		26	U	26	240
2-Chloronaphthalene		0.55	U	0.55	61
2-Chlorophenol		10	U	10	61
2-Methylnaphthalene		0.61	U	0.61	8.2
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		10	U	10	61
3,3'-Dichlorobenzidine		22	U	22	120
3-Nitroaniline		20	U	20	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		16	U	16	61
4-Chloro-3-methylphenol		26	U	26	180
4-Chloroaniline		21	U	21	180
4-Chlorophenyl phenyl ether		16	U	16	61
4-Nitroaniline		32	U	32	240
4-Nitrophenol		21	U F1	21	400
Acenaphthene		0.93	U	0.93	8.2
Acenaphthylene		0.43	U	0.43	8.2
Acetophenone		11	U	11	120
Anthracene		0.95	U	0.95	8.2
Atrazine		11	U	11	240
Benzaldehyde		15	U	15	120
Benzo[a]anthracene		0.77	U	0.77	8.2
Benzo[a]pyrene		0.78	U	0.78	8.2
Benzo[b]fluoranthene		0.72	U	0.72	8.2
Benzo[g,h,i]perylene		0.43	U	0.43	8.2
Benzo[k]fluoranthene		0.83	U	0.83	8.2
Bis(2-chloroethoxy)methane		27	U	27	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		160	B	23	86
Butyl benzyl phthalate		12	U	12	86
Caprolactam		45	U	45	400
Carbazole		33	U	33	61
Chrysene		1.3	U	1.3	8.2
Dibenz(a,h)anthracene		0.81	U	0.81	8.2
Dibenzofuran		0.81	U	0.81	61
Diethyl phthalate		20	U	20	86
Dimethyl phthalate		21	U	21	86

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: F-VB-UST-P-7

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-212548	Lab File ID:	51231008.D
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Analysis Date:	12/31/2015 1233			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		30	J B F1	18	86
Di-n-octyl phthalate		9.7	U	9.7	86
Fluoranthene		9.3		0.67	8.2
Fluorene		0.65	U	0.65	8.2
Hexachlorobenzene		2.6	U	2.6	8.2
Hexachlorobutadiene		6.9	U	6.9	61
Hexachlorocyclopentadiene		9.9	U	9.9	400
Hexachloroethane		11	U	11	61
Indeno[1,2,3-cd]pyrene		0.43	U	0.43	8.2
Isophorone		21	J B	16	61
N-Nitrosodi-n-propylamine		7.7	U	7.7	61
N-Nitrosodiphenylamine		26	U	26	61
Naphthalene		4.3	J	1.0	8.2
Nitrobenzene		2.7	U	2.7	120
Pentachlorophenol		11	U	11	180
Phenanthrene		9.3		0.89	8.2
Phenol		8.9	U	8.9	61
Pyrene		7.9	J	0.54	8.2
3 & 4 Methylphenol		24	U	24	490

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	87		36 - 110
Phenol-d5 (Surr)	83		26 - 110
Nitrobenzene-d5 (Surr)	80		20 - 110
2-Fluorophenol (Surr)	81		24 - 110
2-Fluorobiphenyl (Surr)	77		24 - 110
2,4,6-Tribromophenol (Surr)	88		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-212548	Lab File ID:	51231007.D
Dilution:	1.0			Initial Weight/Volume:	30.35 g
Analysis Date:	12/31/2015 1208			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		4.1	U	4.1	59
bis (2-chloroisopropyl) ether		11	U	11	120
2,4,5-Trichlorophenol		29	U	29	180
2,4,6-Trichlorophenol		10	U	10	180
2,4-Dichlorophenol		24	U	24	180
2,4-Dimethylphenol		24	U	24	180
2,4-Dinitrophenol		25	U	25	390
2,4-Dinitrotoluene		20	U	20	240
2,6-Dinitrotoluene		25	U	25	240
2-Chloronaphthalene		0.53	U	0.53	59
2-Chlorophenol		9.7	U	9.7	59
2-Methylnaphthalene		53		0.59	7.9
2-Methylphenol		13	U	13	240
2-Nitroaniline		11	U	11	240
2-Nitrophenol		9.8	U	9.8	59
3,3'-Dichlorobenzidine		21	U	21	120
3-Nitroaniline		19	U	19	240
4,6-Dinitro-2-methylphenol		11	U	11	180
4-Bromophenyl phenyl ether		15	U	15	59
4-Chloro-3-methylphenol		25	U	25	180
4-Chloroaniline		20	U	20	180
4-Chlorophenyl phenyl ether		15	U	15	59
4-Nitroaniline		31	U	31	240
4-Nitrophenol		20	U	20	390
Acenaphthene		63		0.90	7.9
Acenaphthylene		0.41	U	0.41	7.9
Acetophenone		11	U	11	120
Anthracene		97		0.92	7.9
Atrazine		11	U	11	240
Benzaldehyde		14	U	14	120
Benzo[a]anthracene		140		0.74	7.9
Benzo[a]pyrene		100		0.75	7.9
Benzo[b]fluoranthene		180		0.70	7.9
Benzo[g,h,i]perylene		51		0.41	7.9
Benzo[k]fluoranthene		47		0.80	7.9
Bis(2-chloroethoxy)methane		26	U	26	120
Bis(2-chloroethyl)ether		2.4	U	2.4	120
Bis(2-ethylhexyl) phthalate		82	B	22	82
Butyl benzyl phthalate		12	U	12	82
Caprolactam		44	U	44	390
Carbazole		32	U	32	59
Chrysene		94		1.3	7.9
Dibenz(a,h)anthracene		16		0.78	7.9
Dibenzofuran		51	J	0.78	59
Diethyl phthalate		19	U	19	82
Dimethyl phthalate		20	U	20	82

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: F-VB-UST-P-8

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-212548	Lab File ID:	51231007.D
Dilution:	1.0			Initial Weight/Volume:	30.35 g
Analysis Date:	12/31/2015 1208			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Di-n-butyl phthalate		23	J B	18	82
Di-n-octyl phthalate		9.3	U	9.3	82
Fluoranthene		490		0.65	7.9
Fluorene		88		0.62	7.9
Hexachlorobenzene		2.5	U	2.5	7.9
Hexachlorobutadiene		6.6	U	6.6	59
Hexachlorocyclopentadiene		9.5	U	9.5	390
Hexachloroethane		11	U	11	59
Indeno[1,2,3-cd]pyrene		45		0.41	7.9
Isophorone		20	J B	15	59
N-Nitrosodi-n-propylamine		7.4	U	7.4	59
N-Nitrosodiphenylamine		25	U	25	59
Naphthalene		14		0.97	7.9
Nitrobenzene		2.6	U	2.6	120
Pentachlorophenol		11	U	11	180
Phenanthrene		570		0.86	7.9
Phenol		8.6	U	8.6	59
Pyrene		370		0.52	7.9
3 & 4 Methylphenol		24	U	24	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Terphenyl-d14 (Surr)	87		36 - 110
Phenol-d5 (Surr)	85		26 - 110
Nitrobenzene-d5 (Surr)	81		20 - 110
2-Fluorophenol (Surr)	83		24 - 110
2-Fluorobiphenyl (Surr)	77		24 - 110
2,4,6-Tribromophenol (Surr)	101		10 - 110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-212533	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-212559	Initial Weight/Volume:	5.05 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/30/2015 1023			Injection Volume:	5 mL
Prep Date:	12/30/2015 0739			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		56	U	56	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	70		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: F-VB-UST-P-8

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-212533	Instrument ID:	YPID
Prep Method:	5030A	Prep Batch:	240-212559	Initial Weight/Volume:	5.00 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/30/2015 1204			Injection Volume:	5 mL
Prep Date:	12/30/2015 0739			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Gasoline Range Organics [C6 - C10]		55	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	67		40 - 139

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-212780	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-212549	Initial Weight/Volume:	29.97 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/31/2015 1744			Injection Volume:	1 uL
Prep Date:	12/30/2015 0714			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		7.9	U	7.9	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	92		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analysis Method:	8015C	Analysis Batch:	240-212780	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-212549	Initial Weight/Volume:	29.78 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/31/2015 1815			Injection Volume:	1 uL
Prep Date:	12/30/2015 0714			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)		42		7.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl (Surr)	104		40 - 160

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid % Moisture: 18.4 Date Received: 12/29/2015 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-212544	Initial Weight/Volume:	29.83 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	01/04/2016 1019			Injection Volume:	1 uL
Prep Date:	12/30/2015 0654			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		15	U	15	41
Aroclor-1221		20	U	20	41
Aroclor-1232		25	U	25	41
Aroclor-1242		14	U	14	41
Aroclor-1248		9.9	U	9.9	41
Aroclor-1254		17	U	17	41
Aroclor-1260		11	U	11	41

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		13 - 134
DCB Decachlorobiphenyl	72		10 - 155

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid % Moisture: 16.1 Date Received: 12/29/2015 0930

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Prep Method:	3540C	Prep Batch:	240-212544	Initial Weight/Volume:	29.77 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	01/04/2016 1037			Injection Volume:	1 uL
Prep Date:	12/30/2015 0654			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor-1016		14	U	14	40
Aroclor-1221		19	U	19	40
Aroclor-1232		24	U	24	40
Aroclor-1242		13	U	13	40
Aroclor-1248		9.6	U	9.6	40
Aroclor-1254		17	U	17	40
Aroclor-1260		11	U	11	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		13 - 134
DCB Decachlorobiphenyl	92		10 - 155

General Chemistry

Client Sample ID: **F-VB-UST-P-7**

Lab Sample ID: 240-59482-2 Date Sampled: 12/28/2015 1000
Client Matrix: Solid Date Received: 12/29/2015 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-212487	Analysis Date: 12/29/2015 1350						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-212487	Analysis Date: 12/29/2015 1350						DryWt Corrected: N

General Chemistry

Client Sample ID: **F-VB-UST-P-8**

Lab Sample ID: 240-59482-3 Date Sampled: 12/28/2015 1030
Client Matrix: Solid Date Received: 12/29/2015 0930

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-212487	Analysis Date: 12/29/2015 1350						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-212487	Analysis Date: 12/29/2015 1350						DryWt Corrected: N

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-59482-2	F-VB-UST-P-7	93	100	91	88
240-59482-3	F-VB-UST-P-8	90	97	91	87
MB 240-212606/24		93	97	88	86
LCS 240-212606/23		94	92	97	91
LCS 240-212606/25		90	92	93	89
240-59482-2 MS	F-VB-UST-P-7 MS	95	97	92	91
240-59482-2 MSD	F-VB-UST-P-7 MSD	95	100	91	87

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-59482-1	TB-122815	93	99	102	112
MB 240-212893/8		94	97	102	111
LCS 240-212893/5		101	96	100	114
240-59545-B-2 MS		100	102	103	117
240-59545-B-2 MSD		105	97	98	116

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-59482-2	F-VB-UST-P-7	81	83	80	77	88	87
240-59482-3	F-VB-UST-P-8	83	85	81	77	101	87
MB 240-212548/7-A		81	86	79	78	80	89
LCS 240-212548/8-A		77	80	82	74	90	81
240-59482-2 MS	F-VB-UST-P-7 MS	78	80	84	77	101	89
240-59482-2 MSD	F-VB-UST-P-7 MSD	77	79	86	78	90	89

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-59482-2	F-VB-UST-P-7	70
240-59482-3	F-VB-UST-P-8	67
MB 240-212559/1-A		68
LCS 240-212559/2-A		90
240-59482-2 MS	F-VB-UST-P-7 MS	82
240-59482-2 MSD	F-VB-UST-P-7 MSD	82

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	40-139

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8015C Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec
240-59482-2	F-VB-UST-P-7	92
240-59482-3	F-VB-UST-P-8	104
MB 240-212549/8-A		90
LCS 240-212549/9-A		97

Surrogate	Acceptance Limits
OTPH = o-Terphenyl (Surr)	40-160

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX2 %Rec	DCB2 %Rec
240-59482-2	F-VB-UST-P-7	84	72
240-59482-3	F-VB-UST-P-8	57	92
MB 240-212544/7-A		106	110
LCS 240-212544/8-A		102	110
240-59503-G-4-B MS		44	43
240-59503-G-4-C MSD		31p	37

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212606 **Method: 8260C**
Preparation: N/A

Lab Sample ID:	MB 240-212606/24	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	147321.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.50	U	0.50	5.0
1,1,1-Trichloroethane	0.65	U	0.65	5.0
1,1,2,2-Tetrachloroethane	0.31	U	0.31	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	0.42	5.0
1,1-Dichloroethane	0.34	U	0.34	5.0
1,1-Dichloroethene	0.80	U	0.80	5.0
1,1-Dichloropropene	0.37	U	0.37	5.0
1,2,3-Trichlorobenzene	0.562	J	0.50	5.0
1,2,3-Trichloropropane	0.78	U	0.78	5.0
1,2,3-Trimethylbenzene	0.46	U	0.46	5.0
1,2,4-Trichlorobenzene	0.460	J	0.38	5.0
1,2,4-Trimethylbenzene	0.58	U	0.58	5.0
1,2-Dibromo-3-Chloropropane	2.7	U	2.7	10
1,2-Dichlorobenzene	0.34	U	0.34	5.0
1,2-Dichloroethane	0.46	U	0.46	5.0
1,2-Dichloropropane	0.14	U	0.14	5.0
1,3-Dichlorobenzene	0.69	U	0.69	5.0
1,3-Dichloropropane	0.40	U	0.40	5.0
1,4-Dichlorobenzene	0.28	U	0.28	5.0
2,2-Dichloropropane	0.44	U	0.44	5.0
2-Butanone (MEK)	1.1	U	1.1	20
2-Chloroethyl vinyl ether	0.64	U	0.64	50
2-Chlorotoluene	0.30	U	0.30	5.0
2-Hexanone	0.68	U	0.68	20
4-Chlorotoluene	0.26	U	0.26	5.0
p-Isopropyltoluene	0.41	U	0.41	5.0
4-Methyl-2-pentanone (MIBK)	1.2	U	1.2	20
Acetone	5.7	U	5.7	20
Benzene	0.90	U	0.90	5.0
Bromobenzene	0.33	U	0.33	5.0
Bromoform	0.24	U	0.24	5.0
Bromomethane	0.42	U	0.42	5.0
Carbon disulfide	0.59	U	0.59	5.0
Carbon tetrachloride	0.65	U	0.65	5.0
Chlorobenzene	0.53	U	0.53	5.0
Dibromochloromethane	0.37	U	0.37	5.0
Chloroethane	0.44	U	0.44	5.0
Chloroform	0.36	U	0.36	5.0
Chloromethane	0.79	U	0.79	5.0
cis-1,2-Dichloroethene	0.28	U	0.28	5.0
cis-1,3-Dichloropropene	0.71	U	0.71	5.0
Dibromomethane	0.42	U	0.42	5.0
Bromochloromethane	0.33	U	0.33	5.0
Dichlorodifluoromethane	0.28	U	0.28	5.0
Bromodichloromethane	0.29	U	0.29	5.0

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212606

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 240-212606/24	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	147321.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	5.7	U	5.7	200
Ethylbenzene	0.32	U	0.32	5.0
Hexachlorobutadiene	0.40	U	0.40	5.0
Diisopropyl ether	0.59	U	0.59	10
Isopropylbenzene	0.20	U	0.20	5.0
Methyl tert-butyl ether	0.43	U	0.43	5.0
Methylene Chloride	0.74	U	0.74	5.0
m-Xylene & p-Xylene	0.42	U	0.42	10
Naphthalene	0.618	J	0.35	5.0
n-Butylbenzene	0.59	U	0.59	5.0
N-Propylbenzene	0.60	U	0.60	5.0
o-Xylene	0.57	U	0.57	5.0
sec-Butylbenzene	0.91	U	0.91	5.0
Styrene	0.40	U	0.40	5.0
Tert-amyl methyl ether	0.43	U	0.43	5.0
Ethyl t-butyl ether	0.41	U	0.41	5.0
Tetrachloroethene	0.80	U	0.80	5.0
Toluene	0.27	U	0.27	5.0
trans-1,2-Dichloroethene	0.32	U	0.32	5.0
trans-1,3-Dichloropropene	0.29	U	0.29	5.0
Trichloroethene	0.38	U	0.38	5.0
Trichlorofluoromethane	0.29	U	0.29	5.0
Vinyl acetate	0.66	U	0.66	10
Vinyl chloride	0.30	U	0.30	5.0
Xylenes, Total	0.54	U	0.54	10
tert-Butylbenzene	0.67	U	0.67	5.0
1,2-Dibromoethane	0.53	U	0.53	5.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	88	67 - 125
Dibromofluoromethane (Surr)	93	37 - 132
4-Bromofluorobenzene (Surr)	86	52 - 136
1,2-Dichloroethane-d4 (Surr)	97	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212606

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-212606/23	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	147320.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 1939	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	58.6	117	80 - 120	
1,1,1-Trichloroethane	50.0	54.0	108	77 - 126	
1,1,2,2-Tetrachloroethane	50.0	53.5	107	77 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.3	91	80 - 138	
1,1-Dichloroethane	50.0	51.1	102	76 - 120	
1,1-Dichloroethene	50.0	42.2	84	75 - 135	
1,1-Dichloropropene	50.0	54.6	109	80 - 120	
1,2,3-Trichlorobenzene	50.0	45.6	91	61 - 121	
1,2,3-Trichloropropane	50.0	57.2	114	80 - 126	
1,2,4-Trichlorobenzene	50.0	45.6	91	64 - 124	
1,2,4-Trimethylbenzene	50.0	52.6	105	80 - 129	
1,2-Dibromo-3-Chloropropane	50.0	55.6	111	61 - 132	
1,2-Dichlorobenzene	50.0	48.1	96	76 - 120	
1,2-Dichloroethane	50.0	52.5	105	72 - 120	
1,2-Dichloropropane	50.0	52.7	105	80 - 120	
1,3-Dichlorobenzene	50.0	47.0	94	78 - 120	
1,3-Dichloropropane	50.0	51.7	103	80 - 120	
1,4-Dichlorobenzene	50.0	47.3	95	75 - 120	
2,2-Dichloropropane	50.0	54.3	109	69 - 135	
2-Butanone (MEK)	100	96.3	96	52 - 131	
2-Chloroethyl vinyl ether	50.0	54.3	109	28 - 173	
2-Chlorotoluene	50.0	52.2	104	78 - 120	
2-Hexanone	100	99.2	99	64 - 136	
4-Chlorotoluene	50.0	48.3	97	79 - 120	
p-Isopropyltoluene	50.0	53.4	107	77 - 131	
4-Methyl-2-pentanone (MIBK)	100	109	109	67 - 135	
Acetone	100	94.9	95	41 - 137	
Benzene	50.0	50.8	102	79 - 120	
Bromobenzene	50.0	51.6	103	80 - 120	
Bromoform	50.0	54.9	110	62 - 133	
Bromomethane	20.0	19.2	96	42 - 136	
Carbon disulfide	50.0	54.9	110	62 - 146	
Carbon tetrachloride	50.0	57.7	115	71 - 129	
Chlorobenzene	50.0	50.5	101	78 - 120	
Dibromochloromethane	50.0	54.7	109	72 - 127	
Chloroethane	20.0	19.5	98	58 - 120	
Chloroform	50.0	51.8	104	77 - 120	
Chloromethane	20.0	20.5	102	50 - 120	
cis-1,2-Dichloroethene	50.0	52.6	105	76 - 120	
cis-1,3-Dichloropropene	50.0	53.5	107	74 - 128	
Dibromomethane	50.0	53.8	108	80 - 120	
Bromochloromethane	50.0	52.0	104	79 - 120	
Dichlorodifluoromethane	20.0	20.7	103	26 - 120	
Bromodichloromethane	50.0	54.4	109	80 - 122	
tert-Butyl alcohol (TBA)	500	450	90	60 - 125	
Ethylbenzene	50.0	51.6	103	79 - 120	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212606

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 240-212606/23	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	147320.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 1939	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	50.0	51.3	103	54 - 131	
Isopropylbenzene	50.0	54.4	109	76 - 122	
Methyl tert-butyl ether	50.0	53.0	106	49 - 165	
Methylene Chloride	50.0	50.7	101	75 - 120	
m-Xylene & p-Xylene	50.0	53.8	108	80 - 120	
Naphthalene	50.0	51.1	102	65 - 123	
n-Butylbenzene	50.0	50.3	101	68 - 135	
N-Propylbenzene	50.0	53.2	106	80 - 129	
o-Xylene	50.0	54.6	109	80 - 120	
sec-Butylbenzene	50.0	55.3	111	74 - 129	
Styrene	50.0	53.8	108	80 - 120	
Tetrachloroethene	50.0	51.4	103	79 - 120	
Toluene	50.0	53.2	106	75 - 120	
trans-1,2-Dichloroethene	50.0	53.2	106	78 - 120	
trans-1,3-Dichloropropene	50.0	55.5	111	73 - 131	
Trichloroethene	50.0	53.1	106	79 - 120	
Trichlorofluoromethane	20.0	21.1	106	57 - 146	
Vinyl acetate	50.0	48.6	97	70 - 130	
Vinyl chloride	20.0	20.2	101	57 - 120	
Xylenes, Total	100	108	108	80 - 120	
tert-Butylbenzene	50.0	54.9	110	76 - 126	
1,2-Dibromoethane	50.0	56.1	112	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	97	67 - 125
Dibromofluoromethane (Surr)	94	37 - 132
4-Bromofluorobenzene (Surr)	91	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	58 - 123

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	93	67 - 125
Dibromofluoromethane (Surr)	90	37 - 132
4-Bromofluorobenzene (Surr)	89	52 - 136
1,2-Dichloroethane-d4 (Surr)	92	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212657

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.65 g
Analysis Date:	12/30/2015 2209			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147328.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.47 g
Analysis Date:	12/30/2015 2231			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	82	74	34 - 135	7	30		
1,1,1-Trichloroethane	93	98	51 - 128	8	30		
1,1,2,2-Tetrachloroethane	80	85	16 - 179	9	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	96	104	50 - 147	11	30		
1,1-Dichloroethane	85	91	54 - 122	10	30		
1,1-Dichloroethene	89	102	49 - 157	17	30		
1,1-Dichloropropene	93	93	50 - 122	3	30		
1,2,3-Trichlorobenzene	42	34	10 - 120	18	30		
1,2,3-Trichloropropane	89	90	32 - 174	5	30		
1,2,4-Trichlorobenzene	43	31	10 - 120	29	30		
1,2,4-Trimethylbenzene	65	45	10 - 173	30	30		
1,2-Dibromo-3-Chloropropane	74	87	10 - 153	20	30		
1,2-Dichlorobenzene	57	42	17 - 122	27	30		
1,2-Dichloroethane	82	89	49 - 123	11	30		
1,2-Dichloropropane	87	87	61 - 120	3	30		
1,3-Dichlorobenzene	55	37	16 - 126	36	30		F2
1,3-Dichloropropane	76	78	54 - 128	5	30		
1,4-Dichlorobenzene	51	36	15 - 121	32	30		F2
2,2-Dichloropropane	85	90	49 - 132	9	30		
2-Butanone (MEK)	78	91	30 - 143	18	30		
2-Chloroethyl vinyl ether	61	71	10 - 162	19	30	J	J
2-Chlorotoluene	65	43	11 - 162	38	30		F2
2-Hexanone	83	92	37 - 147	13	30		
4-Chlorotoluene	59	38	15 - 149	40	30		F2
p-Isopropyltoluene	63	36	10 - 165	52	30		F2
4-Methyl-2-pentanone (MIBK)	90	104	43 - 147	19	30		
Acetone	61	80	24 - 140	20	30		
Benzene	85	85	53 - 120	4	30		
Bromobenzene	65	51	24 - 144	22	30		
Bromoform	78	76	18 - 129	1	30		
Bromomethane	74	80	33 - 130	11	30		
Carbon disulfide	80	82	20 - 151	5	30		
Carbon tetrachloride	100	101	32 - 137	5	30		

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212657

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.65 g
Analysis Date:	12/30/2015 2209			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147328.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.47 g
Analysis Date:	12/30/2015 2231			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	71	56	37 - 120	19	30		
Dibromochloromethane	78	78	29 - 135	3	30		
Chloroethane	79	85	45 - 120	10	30		
Chloroform	83	87	53 - 120	8	30		
Chloromethane	85	101	34 - 120	20	30		
cis-1,2-Dichloroethene	80	85	50 - 120	10	30		
cis-1,3-Dichloropropene	78	75	27 - 133	2	30		
Dibromomethane	80	83	52 - 123	7	30		
Bromochloromethane	77	84	53 - 120	12	30		
Dichlorodifluoromethane	95	108	17 - 120	16	30		
Bromodichloromethane	85	84	35 - 132	2	30		
tert-Butyl alcohol (TBA)	84	97	60 - 125	17	30		
Ethylbenzene	73	55	30 - 131	25	30		
Hexachlorobutadiene	45	22	10 - 131	66	30		F2
Isopropylbenzene	72	51	21 - 134	32	30		F2
Methyl tert-butyl ether	85	95	51 - 157	13	30		
Methylene Chloride	75	81	54 - 120	11	30		
m-Xylene & p-Xylene	72	57	29 - 131	19	30		
Naphthalene	56	55	10 - 124	1	30		
n-Butylbenzene	54	28	10 - 148	62	30		F2
N-Propylbenzene	68	42	10 - 178	45	30		F2
o-Xylene	76	58	29 - 134	22	30		
sec-Butylbenzene	66	38	10 - 172	50	30		F2
Styrene	69	50	27 - 127	28	30		
Tetrachloroethene	78	62	31 - 135	20	30		
Toluene	80	69	39 - 129	11	30		
trans-1,2-Dichloroethene	81	86	50 - 123	9	30		
trans-1,3-Dichloropropene	69	69	28 - 137	4	30		
Trichloroethene	82	79	10 - 177	1	30		
Trichlorofluoromethane	96	110	36 - 142	17	30		
Vinyl acetate	61	78	70 - 130	28	30	F1	
Vinyl chloride	84	97	42 - 120	18	30		
Xylenes, Total	74	58	30 - 131	20	30		

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212657

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.65 g
Analysis Date:	12/30/2015 2209			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212606	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-212657	Lab File ID:	147328.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.47 g
Analysis Date:	12/30/2015 2231			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 1425				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
tert-Butylbenzene	70	45	10 - 163	40	30		F2
1,2-Dibromoethane	78	78	45 - 127	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	91	67 - 125
Dibromofluoromethane (Surr)	95	95	37 - 132
4-Bromofluorobenzene (Surr)	91	87	52 - 136
1,2-Dichloroethane-d4 (Surr)	97	100	58 - 123

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212657

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59482-2	Units: ug/Kg	MSD Lab Sample ID:	240-59482-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	12/30/2015 2209		Analysis Date:	12/30/2015 2231	
Prep Date:	12/30/2015 1425		Prep Date:	12/30/2015 1425	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1,2-Tetrachloroethane	0.58	U	54.2	56.0	44.5		41.7	
1,1,1-Trichloroethane	0.76	U	54.2	56.0	50.6		55.0	
1,1,2,2-Tetrachloroethane	0.36	U	54.2	56.0	43.6		47.6	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	54.2	56.0	52.2		58.3	
1,1-Dichloroethane	0.40	U	54.2	56.0	45.9		50.9	
1,1-Dichloroethene	0.93	U	54.2	56.0	48.2		56.9	
1,1-Dichloropropene	0.43	U	54.2	56.0	50.4		51.9	
1,2,3-Trichlorobenzene	0.58	U	54.2	56.0	22.8		19.0	
1,2,3-Trichloropropane	0.91	U	54.2	56.0	48.1		50.5	
1,2,4-Trichlorobenzene	0.44	U	54.2	56.0	23.3		17.4	
1,2,4-Trimethylbenzene	1.9	J	54.2	56.0	37.0		27.3	
1,2-Dibromo-3-Chloropropane	3.2	U	54.2	56.0	40.1		48.9	
1,2-Dichlorobenzene	0.40	U	54.2	56.0	30.9		23.5	
1,2-Dichloroethane	0.54	U	54.2	56.0	44.3		49.6	
1,2-Dichloropropane	0.16	U	54.2	56.0	47.0		48.5	
1,3-Dichlorobenzene	0.80	U	54.2	56.0	29.9		20.8	F2
1,3-Dichloropropane	0.47	U	54.2	56.0	41.4		43.5	
1,4-Dichlorobenzene	0.33	U	54.2	56.0	27.7		20.0	F2
2,2-Dichloropropane	0.51	U	54.2	56.0	46.0		50.4	
2-Butanone (MEK)	4.8	J	108	112	89.2		106	
2-Chloroethyl vinyl ether	0.75	U	54.2	56.0	33.0	J	39.9	J
2-Chlorotoluene	0.35	U	54.2	56.0	35.4		24.1	F2
2-Hexanone	0.79	U	108	112	90.1		103	
4-Chlorotoluene	0.30	U	54.2	56.0	32.1		21.3	F2
p-Isopropyltoluene	0.48	U	54.2	56.0	34.2		20.0	F2
4-Methyl-2-pentanone (MIBK)	1.4	U	108	112	97.1		117	
Acetone	36		108	112	102		125	
Benzene	1.0	U	54.2	56.0	45.9		47.6	
Bromobenzene	0.38	U	54.2	56.0	35.4		28.4	
Bromoform	0.28	U	54.2	56.0	42.3		42.8	
Bromomethane	0.49	U	21.7	22.4	16.0		17.9	
Carbon disulfide	0.69	U	54.2	56.0	43.4		45.7	
Carbon tetrachloride	0.76	U	54.2	56.0	54.2		56.7	
Chlorobenzene	0.62	U	54.2	56.0	38.3		31.6	
Dibromochloromethane	0.43	U	54.2	56.0	42.4		43.6	
Chloroethane	0.51	U	21.7	22.4	17.2		19.1	
Chloroform	0.42	U	54.2	56.0	45.3		49.0	
Chloromethane	0.92	U	21.7	22.4	18.5		22.6	
cis-1,2-Dichloroethene	0.33	U	54.2	56.0	43.2		47.7	
cis-1,3-Dichloropropene	0.83	U	54.2	56.0	42.5		41.8	
Dibromomethane	0.49	U	54.2	56.0	43.3		46.2	
Bromochloromethane	0.38	U	54.2	56.0	41.7		46.8	
Dichlorodifluoromethane	0.33	U	21.7	22.4	20.5		24.1	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212657

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59482-2	Units: ug/Kg	MSD Lab Sample ID:	240-59482-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	12/30/2015 2209		Analysis Date:	12/30/2015 2231	
Prep Date:	12/30/2015 1425		Prep Date:	12/30/2015 1425	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Bromodichloromethane	0.34	U	54.2	56.0	46.2		47.1	
tert-Butyl alcohol (TBA)	6.7	U	542	560	454		541	
Ethylbenzene	0.66	J	54.2	56.0	40.5		31.4	
Hexachlorobutadiene	0.47	U	54.2	56.0	24.2		12.2	F2
Isopropylbenzene	0.24	J	54.2	56.0	39.5		28.6	F2
Methyl tert-butyl ether	0.50	U	54.2	56.0	46.4		53.0	
Methylene Chloride	0.86	U	54.2	56.0	40.6		45.3	
m-Xylene & p-Xylene	2.9	J	54.2	56.0	42.1		34.9	
Naphthalene	0.61	J	54.2	56.0	31.1		31.3	
n-Butylbenzene	0.69	U	54.2	56.0	29.5		15.6	F2
N-Propylbenzene	0.70	U	54.2	56.0	36.8		23.4	F2
o-Xylene	1.2	J	54.2	56.0	42.2		33.9	
sec-Butylbenzene	1.1	U	54.2	56.0	35.7		21.4	F2
Styrene	0.47	U	54.2	56.0	37.2		28.1	
Tetrachloroethene	0.93	U	54.2	56.0	42.6		34.7	
Toluene	1.6	J	54.2	56.0	45.1		40.2	
trans-1,2-Dichloroethene	0.37	U	54.2	56.0	44.0		48.3	
trans-1,3-Dichloropropene	0.34	U	54.2	56.0	37.3		38.8	
Trichloroethene	0.44	U	54.2	56.0	44.7		44.3	
Trichlorofluoromethane	0.34	U	21.7	22.4	20.8		24.7	
Vinyl acetate	0.77	U	54.2	56.0	32.9	F1	43.6	
Vinyl chloride	0.35	U	21.7	22.4	18.3		21.8	
Xylenes, Total	4.1	J	108	112	84.3		68.8	
tert-Butylbenzene	0.78	U	54.2	56.0	38.2		25.3	F2
1,2-Dibromoethane	0.62	U	54.2	56.0	42.6		43.9	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212893

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-212893/8	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5596.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1126	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1126				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	0.28	U	0.28	1.0
1,1,1-Trichloroethane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.22	U	0.22	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	0.45	1.0
1,1-Dichloroethane	0.30	U	0.30	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.42	U	0.42	1.0
1,2,3-Trichlorobenzene	0.37	U	0.37	1.0
1,2,3-Trichloropropane	0.44	U	0.44	1.0
1,2,3-Trimethylbenzene	0.47	U	0.47	5.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,4-Trimethylbenzene	0.41	U	0.41	1.0
1,2-Dibromo-3-Chloropropane	0.82	U	0.82	2.0
1,2-Dichlorobenzene	0.25	U	0.25	1.0
1,2-Dichloroethane	0.23	U	0.23	1.0
1,2-Dichloropropane	0.25	U	0.25	1.0
1,3-Dichlorobenzene	0.19	U	0.19	1.0
1,3-Dichloropropane	0.19	U	0.19	1.0
1,4-Dichlorobenzene	0.27	U	0.27	1.0
2,2-Dichloropropane	0.26	U	0.26	1.0
2-Butanone (MEK)	1.34	J	0.53	10
2-Chloroethyl vinyl ether	0.59	U	0.59	10
2-Chlorotoluene	0.40	U	0.40	1.0
2-Hexanone	0.48	U	0.48	10
4-Chlorotoluene	0.29	U	0.29	1.0
p-Isopropyltoluene	0.43	U	0.43	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	10
Acetone	0.94	U	0.94	10
Benzene	0.35	U	0.35	1.0
Bromobenzene	0.35	U	0.35	1.0
Bromoform	0.56	U	0.56	1.0
Bromomethane	0.44	U	0.44	1.0
Carbon disulfide	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Chlorobenzene	0.25	U	0.25	1.0
Dibromochloromethane	0.43	U	0.43	1.0
Chloroethane	0.32	U	0.32	1.0
Chloroform	0.25	U	0.25	1.0
Chloromethane	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
cis-1,3-Dichloropropene	0.46	U	0.46	1.0
Dibromomethane	0.42	U	0.42	1.0
Bromochloromethane	0.50	U	0.50	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromodichloromethane	0.29	U	0.29	1.0

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212893

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 240-212893/8	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5596.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1126	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1126				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
tert-Butyl alcohol (TBA)	4.9	U	4.9	50
Ethylbenzene	0.25	U	0.25	1.0
Hexachlorobutadiene	0.35	U	0.35	1.0
Diisopropyl ether	0.50	U	0.50	10
Isopropylbenzene	0.35	U	0.35	1.0
Methyl tert-butyl ether	0.20	U	0.20	1.0
Methylene Chloride	0.33	U	0.33	1.0
m-Xylene & p-Xylene	0.24	U	0.24	2.0
Naphthalene	0.45	U	0.45	1.0
n-Butylbenzene	0.31	U	0.31	1.0
N-Propylbenzene	0.40	U	0.40	1.0
o-Xylene	0.25	U	0.25	1.0
sec-Butylbenzene	0.48	U	0.48	1.0
Styrene	0.45	U	0.45	1.0
Tert-amyl methyl ether	0.30	U	0.30	5.0
Ethyl t-butyl ether	0.23	U	0.23	5.0
Tetrachloroethene	0.31	U	0.31	1.0
Toluene	0.23	U	0.23	1.0
trans-1,2-Dichloroethene	0.30	U	0.30	1.0
trans-1,3-Dichloropropene	0.56	U	0.56	1.0
Trichloroethene	0.22	U	0.22	1.0
Trichlorofluoromethane	0.49	U	0.49	1.0
Vinyl acetate	0.41	U	0.41	2.0
Vinyl chloride	0.29	U	0.29	1.0
Xylenes, Total	0.52	U	0.52	2.0
tert-Butylbenzene	0.41	U	0.41	1.0
1,2-Dibromoethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	102	80 - 120
Dibromofluoromethane (Surr)	94	79 - 120
4-Bromofluorobenzene (Surr)	111	61 - 120
1,2-Dichloroethane-d4 (Surr)	97	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212893

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-212893/5	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5593.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1018	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1018				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	10.0	8.23	82	80 - 120	
1,1,1-Trichloroethane	10.0	8.79	88	77 - 123	
1,1,2,2-Tetrachloroethane	10.0	9.40	94	71 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.5	105	67 - 138	
1,1-Dichloroethane	10.0	9.36	94	79 - 125	
1,1-Dichloroethene	10.0	9.64	96	76 - 124	
1,1-Dichloropropene	10.0	10.1	101	80 - 128	
1,2,3-Trichlorobenzene	10.0	8.36	84	66 - 120	
1,2,3-Trichloropropane	10.0	9.73	97	72 - 126	
1,2,4-Trichlorobenzene	10.0	8.53	85	61 - 120	
1,2,4-Trimethylbenzene	10.0	9.27	93	76 - 120	
1,2-Dibromo-3-Chloropropane	10.0	8.17	82	50 - 132	
1,2-Dichlorobenzene	10.0	9.02	90	79 - 120	
1,2-Dichloroethane	10.0	9.32	93	80 - 120	
1,2-Dichloropropane	10.0	9.80	98	78 - 124	
1,3-Dichlorobenzene	10.0	9.06	91	79 - 120	
1,3-Dichloropropane	10.0	9.36	94	80 - 120	
1,4-Dichlorobenzene	10.0	9.07	91	79 - 120	
2,2-Dichloropropane	10.0	7.92	79	71 - 122	
2-Butanone (MEK)	20.0	21.5	108	56 - 138	
2-Chloroethyl vinyl ether	10.0	9.80	98	54 - 139	J
2-Chlorotoluene	10.0	9.14	91	80 - 120	
2-Hexanone	20.0	18.5	92	55 - 141	
4-Chlorotoluene	10.0	9.06	91	80 - 120	
p-Isopropyltoluene	10.0	9.23	92	77 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	19.6	98	64 - 135	
Acetone	20.0	19.1	95	34 - 148	
Benzene	10.0	9.39	94	80 - 120	
Bromobenzene	10.0	9.14	91	80 - 120	
Bromoform	10.0	6.29	63	56 - 122	
Bromomethane	10.0	6.43	64	38 - 132	
Carbon disulfide	10.0	9.43	94	65 - 144	
Carbon tetrachloride	10.0	7.89	79	77 - 131	
Chlorobenzene	10.0	9.32	93	80 - 120	
Dibromochloromethane	10.0	7.97	80	74 - 120	
Chloroethane	10.0	7.54	75	36 - 126	
Chloroform	10.0	9.57	96	80 - 120	
Chloromethane	10.0	9.55	96	48 - 133	
cis-1,2-Dichloroethene	10.0	9.75	98	79 - 120	
cis-1,3-Dichloropropene	10.0	9.84	98	74 - 126	
Dibromomethane	10.0	9.81	98	80 - 120	
Bromochloromethane	10.0	9.83	98	80 - 120	
Dichlorodifluoromethane	10.0	7.57	76	23 - 136	
Bromodichloromethane	10.0	8.91	89	80 - 120	
tert-Butyl alcohol (TBA)	100	79.5	79	38 - 144	
Ethylbenzene	10.0	9.45	95	80 - 120	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212893

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 240-212893/5	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5593.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1018	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1018				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	10.0	7.63	76	62 - 120	
Isopropylbenzene	10.0	9.47	95	77 - 120	
Methyl tert-butyl ether	10.0	9.50	95	69 - 121	
Methylene Chloride	10.0	8.56	86	77 - 129	
m-Xylene & p-Xylene	10.0	9.38	94	80 - 120	
Naphthalene	10.0	9.11	91	53 - 121	
n-Butylbenzene	10.0	8.99	90	74 - 120	
N-Propylbenzene	10.0	9.29	93	79 - 123	
o-Xylene	10.0	9.59	96	80 - 120	
sec-Butylbenzene	10.0	9.27	93	77 - 120	
Styrene	10.0	9.62	96	76 - 122	
Tetrachloroethene	10.0	9.39	94	78 - 121	
Toluene	10.0	9.29	93	80 - 120	
trans-1,2-Dichloroethene	10.0	9.74	97	80 - 124	
trans-1,3-Dichloropropene	10.0	9.12	91	75 - 131	
Trichloroethene	10.0	9.82	98	80 - 121	
Trichlorofluoromethane	10.0	9.18	92	61 - 133	
Vinyl acetate	10.0	8.16	82	27 - 160	
Vinyl chloride	10.0	9.13	91	52 - 121	
Xylenes, Total	20.0	19.0	95	80 - 120	
tert-Butylbenzene	10.0	9.36	94	77 - 121	
1,2-Dibromoethane	10.0	9.65	96	80 - 120	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	100	80 - 120
Dibromofluoromethane (Surr)	101	79 - 120
4-Bromofluorobenzene (Surr)	114	61 - 120
1,2-Dichloroethane-d4 (Surr)	96	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212893

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59545-B-2 MS	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5610.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1700			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1700				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59545-B-2 MSD	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5611.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1723			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1723				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	85	90	69 - 122	5	14		
1,1,2,2-Tetrachloroethane	99	99	61 - 130	0	18		
1,1,2-Trichloro-1,2,2-trifluoroethane	88	104	44 - 140	16	35		
1,1-Dichloroethane	100	106	73 - 124	3	14		
1,1-Dichloroethene	95	100	67 - 124	6	24		
1,2,4-Trichlorobenzene	80	86	48 - 120	7	28		
1,2-Dibromo-3-Chloropropane	78	77	42 - 130	1	24		
1,2-Dichlorobenzene	88	92	67 - 118	4	15		
1,2-Dichloroethane	99	99	74 - 125	0	24		
1,2-Dichloropropane	97	98	73 - 122	1	15		
1,3-Dichlorobenzene	89	91	65 - 120	2	15		
1,4-Dichlorobenzene	89	92	66 - 120	2	16		
2-Butanone (MEK)	107	92	49 - 132	14	19		
2-Hexanone	101	89	49 - 142	12	27		
4-Methyl-2-pentanone (MIBK)	104	99	58 - 136	5	32		
Acetone	84	81	32 - 126	4	28		
Benzene	94	96	73 - 121	2	13		
Bromoform	60	64	45 - 121	6	19		
Bromomethane	54	102	26 - 136	62	35		F2
Carbon disulfide	90	95	54 - 144	5	34		
Carbon tetrachloride	74	84	65 - 129	12	20		
Chlorobenzene	93	94	72 - 120	0	15		
Dibromochloromethane	78	79	62 - 122	1	19		
Chloroethane	62	97	27 - 131	40	35		F2
Chloroform	95	99	73 - 121	4	17		
Chloromethane	95	97	39 - 134	2	20		
cis-1,2-Dichloroethene	101	116	66 - 124	4	22		
cis-1,3-Dichloropropene	91	92	60 - 120	1	21		
Dichlorodifluoromethane	64	81	14 - 137	24	34		
Bromodichloromethane	85	88	72 - 120	3	19		
Ethylbenzene	94	97	68 - 121	3	16		
Isopropylbenzene	94	99	61 - 122	5	20		
Methyl tert-butyl ether	93	95	61 - 121	2	12		

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212893

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59545-B-2 MS	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5610.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1700			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1700				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59545-B-2 MSD	Analysis Batch:	240-212893	Instrument ID:	A3UX15
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXC5611.D
Dilution:	500	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/04/2016 1723			Final Weight/Volume:	5 mL
Prep Date:	01/04/2016 1723				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methylene Chloride	87	92	70 - 124	5	14		
m-Xylene & p-Xylene	94	96	66 - 123	2	15		
o-Xylene	95	96	68 - 121	1	14		
Styrene	96	98	64 - 126	2	15		
Tetrachloroethene	91	92	59 - 125	2	20		
Toluene	94	92	72 - 122	2	15		
trans-1,2-Dichloroethene	98	105	72 - 125	6	25		
trans-1,3-Dichloropropene	87	85	58 - 132	1	22		
Trichloroethene	96	99	61 - 129	3	14		
Trichlorofluoromethane	79	95	49 - 133	18	25		
Vinyl chloride	95	104	44 - 122	5	35		
Xylenes, Total	95	96	67 - 122	2	14		
1,2-Dibromoethane	101	98	69 - 125	3	24		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	103	98	80 - 120
Dibromofluoromethane (Surr)	100	105	79 - 120
4-Bromofluorobenzene (Surr)	117	116	61 - 120
1,2-Dichloroethane-d4 (Surr)	102	97	78 - 125

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212893

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59545-B-2 MS	Units: ug/L	MSD Lab Sample ID:	240-59545-B-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	500		Dilution:	500	
Analysis Date:	01/04/2016 1700		Analysis Date:	01/04/2016 1723	
Prep Date:	01/04/2016 1700		Prep Date:	01/04/2016 1723	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	220	U	5000	5000	4250	4480	
1,1,2,2-Tetrachloroethane	110	U	5000	5000	4970	4970	
1,1,2-Trichloro-1,2,2-trifluoroethane	230	U	5000	5000	4400	5180	
1,1-Dichloroethane	5600		5000	5000	10600	10800	
1,1-Dichloroethene	230	U	5000	5000	4740	5020	
1,2,4-Trichlorobenzene	160	U	5000	5000	3990	4280	
1,2-Dibromo-3-Chloropropane	410	U	5000	5000	3890	3860	
1,2-Dichlorobenzene	130	U	5000	5000	4420	4610	
1,2-Dichloroethane	120	J	5000	5000	4970	4960	
1,2-Dichloropropane	130	U	5000	5000	4850	4910	
1,3-Dichlorobenzene	95	U	5000	5000	4440	4550	
1,4-Dichlorobenzene	140	U	5000	5000	4470	4580	
2-Butanone (MEK)	660	J	10000	10000	11300	9840	
2-Hexanone	240	U	10000	10000	10100	8950	
4-Methyl-2-pentanone (MIBK)	500	U	10000	10000	10400	9860	
Acetone	470	U	10000	10000	8410	8100	
Benzene	180	U	5000	5000	4720	4820	
Bromoform	280	U	5000	5000	3020	3200	
Bromomethane	220	U	5000	5000	2680	5100	F2
Carbon disulfide	190	U	5000	5000	4490	4730	
Carbon tetrachloride	220	U	5000	5000	3710	4200	
Chlorobenzene	130	U	5000	5000	4670	4690	
Dibromochloromethane	220	U	5000	5000	3910	3960	
Chloroethane	410	J	5000	5000	3500	5260	F2
Chloroform	130	U	5000	5000	4760	4950	
Chloromethane	220	U	5000	5000	4750	4860	
cis-1,2-Dichloroethene	13000		5000	5000	17700	18400	
cis-1,3-Dichloropropene	230	U	5000	5000	4550	4610	
Dichlorodifluoromethane	160	U	5000	5000	3190	4070	
Bromodichloromethane	150	U	5000	5000	4260	4410	
Ethylbenzene	130	U	5000	5000	4710	4850	
Isopropylbenzene	180	U	5000	5000	4710	4950	
Methyl tert-butyl ether	100	U	5000	5000	4640	4740	
Methylene Chloride	170	U	5000	5000	4360	4590	
m-Xylene & p-Xylene	120	U	5000	5000	4700	4800	
o-Xylene	130	U	5000	5000	4760	4820	
Styrene	230	U	5000	5000	4790	4900	
Tetrachloroethene	160	U	5000	5000	4540	4620	
Toluene	120	U	5000	5000	4690	4620	
trans-1,2-Dichloroethene	500		5000	5000	5390	5740	
trans-1,3-Dichloropropene	280	U	5000	5000	4330	4270	
Trichloroethene	110	U	5000	5000	4800	4960	
Trichlorofluoromethane	250	U	5000	5000	3960	4740	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212893

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	240-59545-B-2 MS	Units:	ug/L	MSD Lab Sample ID:	240-59545-B-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	500			Dilution:	500
Analysis Date:	01/04/2016 1700			Analysis Date:	01/04/2016 1723
Prep Date:	01/04/2016 1700			Prep Date:	01/04/2016 1723
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Vinyl chloride	4200		5000	5000	8920	9380
Xylenes, Total	260	U	10000	10000	9460	9620
1,2-Dibromoethane	160	U	5000	5000	5040	4900

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212548

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-212548/7-A	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 1002	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	3.5	U	3.5	50
bis (2-chloroisopropyl) ether	9.5	U	9.5	100
2,4,5-Trichlorophenol	25	U	25	150
2,4,6-Trichlorophenol	8.9	U	8.9	150
2,4-Dichlorophenol	20	U	20	150
2,4-Dimethylphenol	20	U	20	150
2,4-Dinitrophenol	21	U	21	330
2,4-Dinitrotoluene	17	U	17	200
2,6-Dinitrotoluene	21	U	21	200
2-Chloronaphthalene	0.45	U	0.45	50
2-Chlorophenol	8.2	U	8.2	50
2-Methylnaphthalene	0.50	U	0.50	6.7
2-Methylphenol	11	U	11	200
2-Nitroaniline	9.1	U	9.1	200
2-Nitrophenol	8.3	U	8.3	50
3,3'-Dichlorobenzidine	18	U	18	100
3-Nitroaniline	16	U	16	200
4,6-Dinitro-2-methylphenol	9.2	U	9.2	150
4-Bromophenyl phenyl ether	13	U	13	50
4-Chloro-3-methylphenol	21	U	21	150
4-Chloroaniline	17	U	17	150
4-Chlorophenyl phenyl ether	13	U	13	50
4-Nitroaniline	26	U	26	200
4-Nitrophenol	17	U	17	330
Acenaphthene	0.76	U	0.76	6.7
Acenaphthylene	0.35	U	0.35	6.7
Acetophenone	9.2	U	9.2	100
Anthracene	0.78	U	0.78	6.7
Atrazine	9.1	U	9.1	200
Benzaldehyde	12	U	12	100
Benzo[a]anthracene	0.63	U	0.63	6.7
Benzo[a]pyrene	0.64	U	0.64	6.7
Benzo[b]fluoranthene	0.59	U	0.59	6.7
Benzo[g,h,i]perylene	0.35	U	0.35	6.7
Benzo[k]fluoranthene	0.68	U	0.68	6.7
Bis(2-chloroethoxy)methane	22	U	22	100
Bis(2-chloroethyl)ether	2.0	U	2.0	100
Bis(2-ethylhexyl) phthalate	25.4	J	19	70
Butyl benzyl phthalate	10	U	10	70
Caprolactam	37	U	37	330
Carbazole	27	U	27	50
Chrysene	1.1	U	1.1	6.7
Dibenz(a,h)anthracene	0.66	U	0.66	6.7
Dibenzofuran	0.66	U	0.66	50
Diethyl phthalate	16	U	16	70

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212548

Method: 8270D
Preparation: 3540C

Lab Sample ID:	MB 240-212548/7-A	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 1002	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dimethyl phthalate	17	U	17	70
Di-n-butyl phthalate	15.9	J	15	70
Di-n-octyl phthalate	7.9	U	7.9	70
Fluoranthene	0.55	U	0.55	6.7
Fluorene	0.53	U	0.53	6.7
Hexachlorobenzene	2.1	U	2.1	6.7
Hexachlorobutadiene	5.6	U	5.6	50
Hexachlorocyclopentadiene	8.1	U	8.1	330
Hexachloroethane	9.0	U	9.0	50
Indeno[1,2,3-cd]pyrene	0.35	U	0.35	6.7
Isophorone	13.1	J	13	50
N-Nitrosodi-n-propylamine	6.3	U	6.3	50
N-Nitrosodiphenylamine	21	U	21	50
Naphthalene	0.82	U	0.82	6.7
Nitrobenzene	2.2	U	2.2	100
Pentachlorophenol	9.1	U	9.1	150
Phenanthrene	0.73	U	0.73	6.7
Phenol	7.3	U	7.3	50
Pyrene	0.44	U	0.44	6.7
3 & 4 Methylphenol	20	U	20	400

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	89	36 - 110
Phenol-d5 (Surr)	86	26 - 110
Nitrobenzene-d5 (Surr)	79	20 - 110
2-Fluorophenol (Surr)	81	24 - 110
2-Fluorobiphenyl (Surr)	78	24 - 110
2,4,6-Tribromophenol (Surr)	80	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212548

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-212548/8-A	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 1053	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	667	494	74	35 - 110	
bis (2-chloroisopropyl) ether	667	493	74	29 - 110	
2,4,5-Trichlorophenol	667	502	75	25 - 110	
2,4,6-Trichlorophenol	667	520	78	12 - 110	
2,4-Dichlorophenol	667	517	78	39 - 110	
2,4-Dimethylphenol	667	505	76	29 - 110	
2,4-Dinitrophenol	1330	563	42	10 - 110	
2,4-Dinitrotoluene	667	582	87	48 - 110	
2,6-Dinitrotoluene	667	568	85	45 - 110	
2-Chloronaphthalene	667	499	75	32 - 110	
2-Chlorophenol	667	524	79	37 - 110	
2-Methylnaphthalene	667	514	77	36 - 110	
2-Methylphenol	667	526	79	41 - 110	
2-Nitroaniline	667	606	91	45 - 110	
2-Nitrophenol	667	577	87	34 - 110	
3,3'-Dichlorobenzidine	1330	1100	82	28 - 110	
3-Nitroaniline	667	536	80	44 - 110	
4,6-Dinitro-2-methylphenol	1330	1000	75	10 - 110	
4-Bromophenyl phenyl ether	667	554	83	39 - 110	
4-Chloro-3-methylphenol	667	558	84	48 - 110	
4-Chloroaniline	667	441	66	30 - 110	
4-Chlorophenyl phenyl ether	667	513	77	40 - 110	
4-Nitroaniline	667	630	94	48 - 110	
4-Nitrophenol	1330	1450	109	28 - 110	
Acenaphthene	667	501	75	38 - 110	
Acenaphthylene	667	491	74	40 - 110	
Acetophenone	667	498	75	40 - 110	
Anthracene	667	528	79	48 - 110	
Atrazine	1330	1330	100	54 - 120	
Benzaldehyde	1330	1090	82	32 - 110	
Benzo[a]anthracene	667	537	80	50 - 110	
Benzo[a]pyrene	667	522	78	44 - 110	
Benzo[b]fluoranthene	667	524	79	43 - 110	
Benzo[g,h,i]perylene	667	567	85	51 - 110	
Benzo[k]fluoranthene	667	525	79	38 - 105	
Bis(2-chloroethoxy)methane	667	546	82	32 - 110	
Bis(2-chloroethyl)ether	667	501	75	34 - 110	
Bis(2-ethylhexyl) phthalate	667	642	96	50 - 110	
Butyl benzyl phthalate	667	609	91	51 - 110	
Caprolactam	1330	1140	85	44 - 114	
Carbazole	667	638	96	50 - 110	
Chrysene	667	544	82	50 - 110	
Dibenz(a,h)anthracene	667	581	87	51 - 110	
Dibenzofuran	667	503	75	43 - 110	
Diethyl phthalate	667	563	84	52 - 110	
Dimethyl phthalate	667	550	82	50 - 110	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Control Sample - Batch: 240-212548

Method: 8270D
Preparation: 3540C

Lab Sample ID:	LCS 240-212548/8-A	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 1053	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-butyl phthalate	667	708	106	51 - 110	
Di-n-octyl phthalate	667	571	86	48 - 110	
Fluoranthene	667	589	88	51 - 110	
Fluorene	667	465	70	46 - 110	
Hexachlorobenzene	667	523	79	43 - 110	
Hexachlorobutadiene	667	515	77	29 - 110	
Hexachlorocyclopentadiene	667	399	60	12 - 110	
Hexachloroethane	667	520	78	30 - 110	
Indeno[1,2,3-cd]pyrene	667	574	86	50 - 110	
Isophorone	667	555	83	36 - 110	
N-Nitrosodi-n-propylamine	667	544	82	38 - 110	
N-Nitrosodiphenylamine	1330	1100	82	46 - 110	
Naphthalene	667	501	75	36 - 110	
Nitrobenzene	667	545	82	32 - 110	
Pentachlorophenol	1330	1110	83	10 - 110	
Phenanthrene	667	530	79	49 - 110	
Phenol	667	505	76	38 - 110	
Pyrene	667	574	86	49 - 110	
3 & 4 Methylphenol	667	516	77	40 - 110	

Surrogate	% Rec	Acceptance Limits
Terphenyl-d14 (Surr)	81	36 - 110
Phenol-d5 (Surr)	80	26 - 110
Nitrobenzene-d5 (Surr)	82	20 - 110
2-Fluorophenol (Surr)	77	24 - 110
2-Fluorobiphenyl (Surr)	74	24 - 110
2,4,6-Tribromophenol (Surr)	90	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212548

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.67 g
Analysis Date:	12/31/2015 1258			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.03 g
Analysis Date:	12/31/2015 1323			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	76	78	32 - 110	1	32		
bis (2-chloroisopropyl) ether	73	76	11 - 110	2	42		
2,4,5-Trichlorophenol	76	79	10 - 117	3	99		
2,4,6-Trichlorophenol	81	78	10 - 110	5	38		
2,4-Dichlorophenol	77	79	10 - 110	1	34		
2,4-Dimethylphenol	87	84	10 - 110	5	31		
2,4-Dinitrophenol	94	89	10 - 110	7	99		
2,4-Dinitrotoluene	95	98	32 - 110	2	30		
2,6-Dinitrotoluene	91	91	35 - 110	1	30		
2-Chloronaphthalene	77	78	28 - 110	0	30		
2-Chlorophenol	76	78	10 - 110	1	47		
2-Methylnaphthalene	76	78	10 - 133	2	42		
2-Methylphenol	75	78	24 - 110	2	51		
2-Nitroaniline	98	97	39 - 110	2	31		
2-Nitrophenol	86	92	10 - 110	6	49		
3,3'-Dichlorobenzidine	80	90	10 - 110	11	56		
3-Nitroaniline	59	72	10 - 110	18	30		
4,6-Dinitro-2-methylphenol	98	97	10 - 110	2	55		
4-Bromophenyl phenyl ether	93	90	33 - 110	4	30		
4-Chloro-3-methylphenol	88	89	25 - 110	0	54		
4-Chloroaniline	48	46	10 - 110	5	36		
4-Chlorophenyl phenyl ether	81	81	32 - 110	1	30		
4-Nitroaniline	80	98	10 - 110	18	48		
4-Nitrophenol	122	107	10 - 113	14	49	F1	
Acenaphthene	78	78	22 - 110	2	99		
Acenaphthylene	79	79	24 - 110	1	99		
Acetophenone	79	79	31 - 110	1	43		
Anthracene	86	86	20 - 110	1	99		
Atrazine	105	107	45 - 118	1	30		
Benzaldehyde	81	78	23 - 110	4	42		
Benzo[a]anthracene	86	90	10 - 122	3	99		
Benzo[a]pyrene	86	87	10 - 110	0	99		
Benzo[b]fluoranthene	90	90	12 - 118	1	99		

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212548

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.67 g
Analysis Date:	12/31/2015 1258			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212723	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-212548	Lab File ID:	51231010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.03 g
Analysis Date:	12/31/2015 1323			Final Weight/Volume:	2 mL
Prep Date:	12/30/2015 0705			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[g,h,i]perylene	99	96	10 - 117	4	99		
Benzo[k]fluoranthene	86	88	10 - 121	1	99		
Bis(2-chloroethoxy)methane	82	84	26 - 110	0	37		
Bis(2-chloroethyl)ether	84	78	21 - 110	9	55		
Bis(2-ethylhexyl) phthalate	85	95	40 - 110	9	30		
Butyl benzyl phthalate	100	102	44 - 110	1	30		
Caprolactam	90	92	10 - 134	1	32		
Carbazole	92	101	34 - 110	8	30		
Chrysene	87	90	10 - 125	2	99		
Dibenz(a,h)anthracene	102	99	14 - 113	5	99		
Dibenzofuran	81	80	29 - 110	2	30		
Diethyl phthalate	94	94	42 - 110	2	30		
Dimethyl phthalate	90	89	41 - 110	1	30		
Di-n-butyl phthalate	110	111	43 - 110	0	30		F1
Di-n-octyl phthalate	96	97	24 - 119	1	30		
Fluoranthene	93	95	10 - 110	1	99		
Fluorene	76	76	23 - 110	2	99		
Hexachlorobenzene	86	83	34 - 110	4	30		
Hexachlorobutadiene	76	84	25 - 110	8	34		
Hexachlorocyclopentadiene	40	37	10 - 110	10	79	J	J
Hexachloroethane	75	79	12 - 110	5	50		
Indeno[1,2,3-cd]pyrene	98	96	10 - 114	4	99		
Isophorone	79	82	29 - 110	2	38		
N-Nitrosodi-n-propylamine	82	84	26 - 110	1	42		
N-Nitrosodiphenylamine	87	87	22 - 110	2	30		
Naphthalene	74	76	10 - 111	2	99		
Nitrobenzene	82	83	23 - 110	1	41		
Pentachlorophenol	92	79	10 - 110	17	50		
Phenanthrene	85	85	10 - 166	1	99		
Phenol	73	76	17 - 110	4	53		
Pyrene	93	93	10 - 147	1	99		
3 & 4 Methylphenol	74	76	25 - 110	1	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Terphenyl-d14 (Surr)	89	89	36 - 110
Phenol-d5 (Surr)	80	79	26 - 110
Nitrobenzene-d5 (Surr)	84	86	20 - 110
2-Fluorophenol (Surr)	78	77	24 - 110
2-Fluorobiphenyl (Surr)	77	78	24 - 110
2,4,6-Tribromophenol (Surr)	101	90	10 - 110

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212548

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-59482-2	Units: ug/Kg	MSD Lab Sample ID:	240-59482-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	12/31/2015 1258		Analysis Date:	12/31/2015 1323	
Prep Date:	12/30/2015 0705		Prep Date:	12/30/2015 0705	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
1,1'-Biphenyl	4.3	U	826	816	631		636
bis (2-chloroisopropyl) ether	12	U	826	816	607		617
2,4,5-Trichlorophenol	31	U	826	816	627		643
2,4,6-Trichlorophenol	11	U	826	816	670		636
2,4-Dichlorophenol	24	U	826	816	640		646
2,4-Dimethylphenol	24	U	826	816	717		684
2,4-Dinitrophenol	26	U	1650	1630	1550		1450
2,4-Dinitrotoluene	21	U	826	816	788		801
2,6-Dinitrotoluene	26	U	826	816	752		742
2-Chloronaphthalene	0.55	U	826	816	636		636
2-Chlorophenol	10	U	826	816	631		640
2-Methylnaphthalene	0.61	U	826	816	629		641
2-Methylphenol	13	U	826	816	623		638
2-Nitroaniline	11	U	826	816	808		791
2-Nitrophenol	10	U	826	816	710		752
3,3'-Dichlorobenzidine	22	U	1650	1630	1320		1470
3-Nitroaniline	20	U	826	816	490		589
4,6-Dinitro-2-methylphenol	11	U	1650	1630	1620		1590
4-Bromophenyl phenyl ether	16	U	826	816	767		736
4-Chloro-3-methylphenol	26	U	826	816	727		726
4-Chloroaniline	21	U	826	816	396		378
4-Chlorophenyl phenyl ether	16	U	826	816	672		665
4-Nitroaniline	32	U	826	816	664		799
4-Nitrophenol	21	U	1650	1630	2010	F1	1740
Acenaphthene	0.93	U	826	816	648		636
Acenaphthylene	0.43	U	826	816	654		646
Acetophenone	11	U	826	816	652		648
Anthracene	0.95	U	826	816	711		704
Atrazine	11	U	1650	1630	1730		1740
Benzaldehyde	15	U	1650	1630	1330		1270
Benzo[a]anthracene	0.77	U	826	816	711		731
Benzo[a]pyrene	0.78	U	826	816	713		714
Benzo[b]fluoranthene	0.72	U	826	816	746		738
Benzo[g,h,i]perylene	0.43	U	826	816	819		783
Benzo[k]fluoranthene	0.83	U	826	816	712		716
Bis(2-chloroethoxy)methane	27	U	826	816	681		683
Bis(2-chloroethyl)ether	2.4	U	826	816	697		637
Bis(2-ethylhexyl) phthalate	160		826	816	861		938
Butyl benzyl phthalate	12	U	826	816	822		832
Caprolactam	45	U	1650	1630	1490		1500
Carbazole	33	U	826	816	763		828
Chrysene	1.3	U	826	816	717		734
Dibenz(a,h)anthracene	0.81	U	826	816	844		805

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212548

Method: 8270D
Preparation: 3540C

MS Lab Sample ID:	240-59482-2	Units: ug/Kg	MSD Lab Sample ID:	240-59482-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	12/31/2015 1258		Analysis Date:	12/31/2015 1323	
Prep Date:	12/30/2015 0705		Prep Date:	12/30/2015 0705	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dibenzofuran	0.81	U	826	816	669		656	
Diethyl phthalate	20	U	826	816	779		764	
Dimethyl phthalate	21	U	826	816	741		730	
Di-n-butyl phthalate	30	J	826	816	937		939	F1
Di-n-octyl phthalate	9.7	U	826	816	794		788	
Fluoranthene	9.3		826	816	781		787	
Fluorene	0.65	U	826	816	631		619	
Hexachlorobenzene	2.6	U	826	816	709		682	
Hexachlorobutadiene	6.9	U	826	816	629		683	
Hexachlorocyclopentadiene	9.9	U	826	816	333	J	302	J
Hexachloroethane	11	U	826	816	617		646	
Indeno[1,2,3-cd]pyrene	0.43	U	826	816	811		782	
Isophorone	21	J	826	816	676		691	
N-Nitrosodi-n-propylamine	7.7	U	826	816	674		684	
N-Nitrosodiphenylamine	26	U	1650	1630	1440		1420	
Naphthalene	4.3	J	826	816	612		623	
Nitrobenzene	2.7	U	826	816	676		680	
Pentachlorophenol	11	U	1650	1630	1520		1280	
Phenanthrene	9.3		826	816	715		706	
Phenol	8.9	U	826	816	601		623	
Pyrene	7.9	J	826	816	773		766	
3 & 4 Methylphenol	24	U	826	816	613		618	

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212559

Method: 8015C
Preparation: 5030A

Lab Sample ID:	MB 240-212559/1-A	Analysis Batch:	240-212533	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-212559	Lab File ID:	Y0122919.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 0918	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0739			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics [C6 - C10]	46	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	68	40 - 139

Lab Control Sample - Batch: 240-212559

Method: 8015C
Preparation: 5030A

Lab Sample ID:	LCS 240-212559/2-A	Analysis Batch:	240-212533	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-212559	Lab File ID:	Y0122920.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/30/2015 0950	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0739			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics [C6 - C10]	800	771	96	74 - 120	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	90	40 - 139

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212559

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-59482-2	Analysis Batch:	240-212533	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-212559	Lab File ID:	Y0122922.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.01 g
Analysis Date:	12/30/2015 1057			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0739			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-59482-2	Analysis Batch:	240-212533	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-212559	Lab File ID:	Y0122923.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.04 g
Analysis Date:	12/30/2015 1131			Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0739			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics [C6 - C10]	90	86	10 - 136	5	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	82	82	40 - 139

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212559

Method: 8015C
Preparation: 5030A

MS Lab Sample ID:	240-59482-2	Units:	ug/Kg	MSD Lab Sample ID:	240-59482-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/30/2015 1057			Analysis Date:	12/30/2015 1131
Prep Date:	12/30/2015 0739			Prep Date:	12/30/2015 0739
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Gasoline Range Organics [C6 - C10]	56	U	979	973	885	841

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212549

Method: 8015C
Preparation: 3540C

Lab Sample ID:	MB 240-212549/8-A	Analysis Batch:	240-212780	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	240-212549	Lab File ID:	P5F23115.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 2019	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0714			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C10-C32)	6.4	U	6.4	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	90	40 - 160

Lab Control Sample - Batch: 240-212549

Method: 8015C
Preparation: 3540C

Lab Sample ID:	LCS 240-212549/9-A	Analysis Batch:	240-212780	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	240-212549	Lab File ID:	P5F23116.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/31/2015 2050	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/30/2015 0714			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	84.0	75.4	90	52 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl (Surr)	97	40 - 160

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Method Blank - Batch: 240-212544

Method: 8082A
Preparation: 3540C

Lab Sample ID:	MB 240-212544/7-A	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-212544	Lab File ID:	P1200019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	01/04/2016 1243	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/30/2015 0654			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor-1016	12	U	12	33
Aroclor-1221	16	U	16	33
Aroclor-1232	20	U	20	33
Aroclor-1242	11	U	11	33
Aroclor-1248	8.0	U	8.0	33
Aroclor-1254	14	U	14	33
Aroclor-1260	9.0	U	9.0	33

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	106	13 - 134
DCB Decachlorobiphenyl	110	10 - 155

Lab Control Sample - Batch: 240-212544

Method: 8082A
Preparation: 3540C

Lab Sample ID:	LCS 240-212544/8-A	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-212544	Lab File ID:	P1200020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	01/04/2016 1301	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/30/2015 0654			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	314	94	51 - 120	
Aroclor-1260	333	337	101	48 - 120	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	102	13 - 134
DCB Decachlorobiphenyl	110	10 - 155

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212544

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-59503-G-4-B MS	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-212544	Lab File ID:	P1200017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.79 g
Analysis Date:	01/04/2016 1207			Final Weight/Volume:	10 mL
Prep Date:	12/30/2015 0654			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-59503-G-4-C MSD	Analysis Batch:	240-212845	Instrument ID:	A2HP12
Client Matrix:	Solid	Prep Batch:	240-212544	Lab File ID:	P1200018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.86 g
Analysis Date:	01/04/2016 1225			Final Weight/Volume:	10 mL
Prep Date:	12/30/2015 0654			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	40	33	17 - 141	17	56		
Aroclor-1260	32	27	19 - 137	29	55		p

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	44	31	p	13 - 134
DCB Decachlorobiphenyl	43	37		10 - 155

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-212544

Method: 8082A
Preparation: 3540C

MS Lab Sample ID:	240-59503-G-4-B MS	Units: ug/Kg	MSD Lab Sample ID: 240-59503-G-4-C MSD
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Analysis Date:	01/04/2016 1207		Analysis Date: 01/04/2016 1225
Prep Date:	12/30/2015 0654		Prep Date: 12/30/2015 0654
Leach Date:	N/A		Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Aroclor-1016	16	U	442	441	175	148	
Aroclor-1260	12	U	442	441	143	118	p

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Duplicate - Batch: 240-212487

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-59255-B-13 DU	Analysis Batch:	240-212487	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/29/2015 1350	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	98	98	0.08	20	
Percent Moisture	1.7	1.7	5	20	

DATA REPORTING QUALIFIERS

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Client: Tetra Tech, Inc. Job Number: 240-59482-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-212606					
LCS 240-212606/23	Lab Control Sample	T	Solid	8260C	
LCS 240-212606/25	Lab Control Sample	T	Solid	8260C	
MB 240-212606/24	Method Blank	T	Solid	8260C	
240-59482-2	F-VB-UST-P-7	T	Solid	8260C	240-212657
240-59482-2MS	Matrix Spike	T	Solid	8260C	240-212657
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	8260C	240-212657
240-59482-3	F-VB-UST-P-8	T	Solid	8260C	240-212657
Prep Batch: 240-212657					
240-59482-2	F-VB-UST-P-7	T	Solid	5030C	
240-59482-2MS	Matrix Spike	T	Solid	5030C	
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	5030C	
240-59482-3	F-VB-UST-P-8	T	Solid	5030C	
Analysis Batch:240-212893					
LCS 240-212893/5	Lab Control Sample	T	Water	8260C	
MB 240-212893/8	Method Blank	T	Water	8260C	
240-59482-1	TB-122815	T	Water	8260C	
240-59545-B-2 MS	Matrix Spike	T	Water	8260C	
240-59545-B-2 MSD	Matrix Spike Duplicate	T	Water	8260C	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 240-212548					
LCS 240-212548/8-A	Lab Control Sample	T	Solid	3540C	
MB 240-212548/7-A	Method Blank	T	Solid	3540C	
240-59482-2	F-VB-UST-P-7	T	Solid	3540C	
240-59482-2MS	Matrix Spike	T	Solid	3540C	
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-59482-3	F-VB-UST-P-8	T	Solid	3540C	
Analysis Batch:240-212723					
LCS 240-212548/8-A	Lab Control Sample	T	Solid	8270D	240-212548
MB 240-212548/7-A	Method Blank	T	Solid	8270D	240-212548
240-59482-2	F-VB-UST-P-7	T	Solid	8270D	240-212548
240-59482-2MS	Matrix Spike	T	Solid	8270D	240-212548
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	8270D	240-212548
240-59482-3	F-VB-UST-P-8	T	Solid	8270D	240-212548

Report Basis
T = Total

TestAmerica Canton

Client: Tetra Tech, Inc. Job Number: 240-59482-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:240-212533					
LCS 240-212559/2-A	Lab Control Sample	T	Solid	8015C	240-212559
MB 240-212559/1-A	Method Blank	T	Solid	8015C	240-212559
240-59482-2	F-VB-UST-P-7	T	Solid	8015C	240-212559
240-59482-2MS	Matrix Spike	T	Solid	8015C	240-212559
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	8015C	240-212559
240-59482-3	F-VB-UST-P-8	T	Solid	8015C	240-212559
Prep Batch: 240-212559					
LCS 240-212559/2-A	Lab Control Sample	T	Solid	5030A	
MB 240-212559/1-A	Method Blank	T	Solid	5030A	
240-59482-2	F-VB-UST-P-7	T	Solid	5030A	
240-59482-2MS	Matrix Spike	T	Solid	5030A	
240-59482-2MSD	Matrix Spike Duplicate	T	Solid	5030A	
240-59482-3	F-VB-UST-P-8	T	Solid	5030A	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-59482-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-212544					
LCS 240-212544/8-A	Lab Control Sample	T	Solid	3540C	
MB 240-212544/7-A	Method Blank	T	Solid	3540C	
240-59482-2	F-VB-UST-P-7	T	Solid	3540C	
240-59482-3	F-VB-UST-P-8	T	Solid	3540C	
240-59503-G-4-B MS	Matrix Spike	T	Solid	3540C	
240-59503-G-4-C MSD	Matrix Spike Duplicate	T	Solid	3540C	
Prep Batch: 240-212549					
LCS 240-212549/9-A	Lab Control Sample	T	Solid	3540C	
MB 240-212549/8-A	Method Blank	T	Solid	3540C	
240-59482-2	F-VB-UST-P-7	T	Solid	3540C	
240-59482-3	F-VB-UST-P-8	T	Solid	3540C	
Analysis Batch:240-212780					
LCS 240-212549/9-A	Lab Control Sample	T	Solid	8015C	240-212549
MB 240-212549/8-A	Method Blank	T	Solid	8015C	240-212549
240-59482-2	F-VB-UST-P-7	T	Solid	8015C	240-212549
240-59482-3	F-VB-UST-P-8	T	Solid	8015C	240-212549
Analysis Batch:240-212845					
LCS 240-212544/8-A	Lab Control Sample	T	Solid	8082A	240-212544
MB 240-212544/7-A	Method Blank	T	Solid	8082A	240-212544
240-59482-2	F-VB-UST-P-7	T	Solid	8082A	240-212544
240-59482-3	F-VB-UST-P-8	T	Solid	8082A	240-212544
240-59503-G-4-B MS	Matrix Spike	T	Solid	8082A	240-212544
240-59503-G-4-C MSD	Matrix Spike Duplicate	T	Solid	8082A	240-212544

Report Basis
T = Total

General Chemistry

Analysis Batch:240-212487					
240-59255-B-13 DU	Duplicate	T	Solid	Moisture	
240-59482-2	F-VB-UST-P-7	T	Solid	Moisture	
240-59482-3	F-VB-UST-P-8	T	Solid	Moisture	

Report Basis
T = Total

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Laboratory Chronicle

Lab ID: 240-59482-1 **Client ID: TB-122815**

Sample Date/Time: 12/28/2015 00:00 Received Date/Time: 12/29/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59482-B-1		240-212893		01/04/2016 12:07	1	TAL CAN	LEE
A:8260C	240-59482-B-1		240-212893		01/04/2016 12:07	1	TAL CAN	LEE

Lab ID: 240-59482-2 **Client ID: F-VB-UST-P-7**

Sample Date/Time: 12/28/2015 10:00 Received Date/Time: 12/29/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59482-B-2-A		240-212606	240-212657	12/30/2015 14:25	1	TAL CAN	SAM
A:8260C	240-59482-B-2-A		240-212606	240-212657	12/30/2015 21:48	1	TAL CAN	SAM
P:3540C	240-59482-C-2-B		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	240-59482-C-2-B		240-212723	240-212548	12/31/2015 12:33	1	TAL CAN	MRU
P:5030A	240-59482-C-2-F		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	240-59482-C-2-F		240-212533	240-212559	12/30/2015 10:23	1	TAL CAN	RTR
P:3540C	240-59482-C-2-E		240-212780	240-212549	12/30/2015 07:14	1	TAL CAN	YDN
A:8015C	240-59482-C-2-E		240-212780	240-212549	12/31/2015 17:44	1	TAL CAN	HMB
P:3540C	240-59482-C-2-A		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	240-59482-C-2-A		240-212845	240-212544	01/04/2016 10:19	1	TAL CAN	HMB
A:Moisture	240-59482-A-2		240-212487		12/29/2015 13:50	1	TAL CAN	BLW

Lab ID: 240-59482-2 MS **Client ID: F-VB-UST-P-7**

Sample Date/Time: 12/28/2015 10:00 Received Date/Time: 12/29/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59482-B-2-B MS		240-212606	240-212657	12/30/2015 14:25	1	TAL CAN	SAM
A:8260C	240-59482-B-2-B MS		240-212606	240-212657	12/30/2015 22:09	1	TAL CAN	SAM
P:3540C	240-59482-C-2-C MS		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	240-59482-C-2-C MS		240-212723	240-212548	12/31/2015 12:58	1	TAL CAN	MRU
P:5030A	240-59482-C-2-G MS		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	240-59482-C-2-G MS		240-212533	240-212559	12/30/2015 10:57	1	TAL CAN	RTR

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Laboratory Chronicle

Lab ID: 240-59482-2 MSD **Client ID: F-VB-UST-P-7**

Sample Date/Time: 12/28/2015 10:00 Received Date/Time: 12/29/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59482-B-2-C MSD		240-212606	240-212657	12/30/2015 14:25	1	TAL CAN	SAM
A:8260C	240-59482-B-2-C MSD		240-212606	240-212657	12/30/2015 22:31	1	TAL CAN	SAM
P:3540C	240-59482-C-2-D MSD		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	240-59482-C-2-D MSD		240-212723	240-212548	12/31/2015 13:23	1	TAL CAN	MRU
P:5030A	240-59482-C-2-H MSD		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	240-59482-C-2-H MSD		240-212533	240-212559	12/30/2015 11:31	1	TAL CAN	RTR

Lab ID: 240-59482-3 **Client ID: F-VB-UST-P-8**

Sample Date/Time: 12/28/2015 10:30 Received Date/Time: 12/29/2015 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59482-B-3-A		240-212606	240-212657	12/30/2015 14:25	1	TAL CAN	SAM
A:8260C	240-59482-B-3-A		240-212606	240-212657	12/30/2015 23:14	1	TAL CAN	SAM
P:3540C	240-59482-C-3-B		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	240-59482-C-3-B		240-212723	240-212548	12/31/2015 12:08	1	TAL CAN	MRU
P:5030A	240-59482-C-3-D		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	240-59482-C-3-D		240-212533	240-212559	12/30/2015 12:04	1	TAL CAN	RTR
P:3540C	240-59482-C-3-C		240-212780	240-212549	12/30/2015 07:14	1	TAL CAN	YDN
A:8015C	240-59482-C-3-C		240-212780	240-212549	12/31/2015 18:15	1	TAL CAN	HMB
P:3540C	240-59482-C-3-A		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	240-59482-C-3-A		240-212845	240-212544	01/04/2016 10:37	1	TAL CAN	HMB
A:Moisture	240-59482-A-3		240-212487		12/29/2015 13:50	1	TAL CAN	BLW

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	MB 240-212606/24		240-212606		12/30/2015 20:00	1	TAL CAN	SAM
P:5030C	MB 240-212893/8		240-212893		01/04/2016 11:26	1	TAL CAN	LEE
A:8260C	MB 240-212893/8		240-212893		01/04/2016 11:26	1	TAL CAN	LEE
P:3540C	MB 240-212548/7-A		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	MB 240-212548/7-A		240-212723	240-212548	12/31/2015 10:02	1	TAL CAN	MRU
P:5030A	MB 240-212559/1-A		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	MB 240-212559/1-A		240-212533	240-212559	12/30/2015 09:18	1	TAL CAN	RTR
P:3540C	MB 240-212549/8-A		240-212780	240-212549	12/30/2015 07:14	1	TAL CAN	YDN
A:8015C	MB 240-212549/8-A		240-212780	240-212549	12/31/2015 20:19	1	TAL CAN	HMB
P:3540C	MB 240-212544/7-A		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	MB 240-212544/7-A		240-212845	240-212544	01/04/2016 12:43	1	TAL CAN	HMB

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCS 240-212606/23		240-212606		12/30/2015 19:39	1	TAL CAN	SAM
A:8260C	LCS 240-212606/25		240-212606		12/30/2015 20:22	1	TAL CAN	SAM
P:5030C	LCS 240-212893/5		240-212893		01/04/2016 10:18	1	TAL CAN	LEE
A:8260C	LCS 240-212893/5		240-212893		01/04/2016 10:18	1	TAL CAN	LEE
P:3540C	LCS 240-212548/8-A		240-212723	240-212548	12/30/2015 07:05	1	TAL CAN	YDN
A:8270D	LCS 240-212548/8-A		240-212723	240-212548	12/31/2015 10:53	1	TAL CAN	MRU
P:5030A	LCS 240-212559/2-A		240-212533	240-212559	12/30/2015 07:39	1	TAL CAN	RTR
A:8015C	LCS 240-212559/2-A		240-212533	240-212559	12/30/2015 09:50	1	TAL CAN	RTR
P:3540C	LCS 240-212549/9-A		240-212780	240-212549	12/30/2015 07:14	1	TAL CAN	YDN
A:8015C	LCS 240-212549/9-A		240-212780	240-212549	12/31/2015 20:50	1	TAL CAN	HMB
P:3540C	LCS 240-212544/8-A		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	LCS 240-212544/8-A		240-212845	240-212544	01/04/2016 13:01	1	TAL CAN	HMB

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 12/29/2015 16:48 Received Date/Time: 12/31/2015 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59545-B-2 MS		240-212893		01/04/2016 17:00	500	TAL CAN	LEE
A:8260C	240-59545-B-2 MS		240-212893		01/04/2016 17:00	500	TAL CAN	LEE
P:3540C	240-59503-G-4-B MS		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	240-59503-G-4-B MS		240-212845	240-212544	01/04/2016 12:07	1	TAL CAN	HMB

Client: Tetra Tech, Inc. Job Number: 240-59482-1

Laboratory Chronicle

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 12/29/2015 16:48 Received Date/Time: 12/31/2015 16:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	240-59545-B-2 MSD		240-212893		01/04/2016 17:23	500	TAL CAN	LEE
A:8260C	240-59545-B-2 MSD		240-212893		01/04/2016 17:23	500	TAL CAN	LEE
P:3540C	240-59503-G-4-C MSD		240-212845	240-212544	12/30/2015 06:54	1	TAL CAN	YDN
A:8082A	240-59503-G-4-C MSD		240-212845	240-212544	01/04/2016 12:25	1	TAL CAN	HMB

Lab ID: DU **Client ID: N/A**

Sample Date/Time: 12/16/2015 09:50 Received Date/Time: 12/17/2015 14:07

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-59255-B-13 DU		240-212487		12/29/2015 13:50	1	TAL CAN	BLW

Lab References:
TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ex10PPMSPK_00019	07/13/17	11/23/15	MEOH, Lot 0000118655	1000 mL	ex1016/1260st_00003	10 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
.ex1016/1260st_00003	06/30/21		Restek, Lot A0109664		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
ex2/.2SURRW_00063	07/13/17	11/23/15	MEOH, Lot 0000118655	2000 mL	EXPESTSURR_00001	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EXPESTSURR_00001	05/31/21		Restek, Lot A0108779		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
exBENZALDEHYD_00033	08/31/16	12/11/15	MEOH, Lot 0000118655	200 mL	EXLIST1_S11_00001	4 mL	Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
.EXLIST1_S11_00001	08/31/16		Restek, Lot A0108989		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
exBNASPIKE_00055	08/31/16	12/07/15	MEOH, Lot 0000118655	200 mL	exLIST1_S1_00004	4 mL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
					EXLIST1_S10_00001	4 mL	Benzoic acid	40 ug/mL
							Indene	40 ug/mL
					exLIST1_S9_00003	4 mL	3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
.exLIST1_S1_00004	12/31/16		Restek, Lot A0111934		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	500 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	500 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
.EXLIST1_S10_00001	08/31/16		Restek, Lot A0108988		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.exLIST1_S9_00003	01/31/17		Restek, Lot A0112567		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
exBNASURR W_00030	07/13/17	12/11/15	MEOH, Lot 0000118655	2000 mL	SMLIST1 SURR_00003	8 mL	2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
exDIESELSPKw_00069	07/06/18	11/18/15	ACETONE, Lot 0000116371	200 mL	exDIESELstd_00003	10 mL	Diesel	2521.45 ug/mL
.exDIESELstd_00003	04/30/22		Restek, Lot A0109732		(Purchased Reagent)		Diesel	50429 ug/mL
exOTPSURRW_00007	11/15/16	11/23/15	MEOH, Lot 0000099494	1000 mL	exOTPstd_00002	20 mL	o-Terphenyl (Surr)	200 ug/mL
.exOTPstd_00002	12/31/18		Restek, Lot A0110923		(Purchased Reagent)		o-Terphenyl (Surr)	10000 ug/mL
Gas Surr Cali_00015	01/12/16	10/12/15	MeoH, Lot 1823933	10 mL	VGGASURROGATE_00032	1 mL	Trifluorotoluene (Surr)	5 ug/mL
.VGGASURROGATE_00032	08/22/15	05/22/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
..VGSURRSTKGAS_00019	08/31/16		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
SG1248@.05ppm_00018	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00015	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00020	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	5 mL	Aroclor-1248	0.5 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	Aroclor-1248	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		Aroclor-1248	1000 ug/mL
SG1248@1.0ppm_00014	04/22/16	10/08/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@2.0ppm_00014	04/22/16	08/24/15	HEXANE, Lot 154006	100 mL	SG1248@10ppm_00008	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00008	08/24/16	08/24/15	Hexane, Lot 151838	100 mL	SG1248_00005	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00005	02/28/21		Restek, Lot A0107141		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660@.05PPM_00016	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21	Restek, Lot a109056			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18	Restek, Lot A0108735			(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20	Restek, Lot A0103185			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00018	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	2 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00058	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00058	04/22/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260_00019	5 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660@1.0PPM_00016	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00015	04/22/16	11/13/15	HEXANE, Lot 00000101243	100 mL	SG1016/1260_00019	20 mL	PCB-1016 Peak 1	2 ug/mL
							PCB-1016 Peak 2	2 ug/mL
							PCB-1016 Peak 3	2 ug/mL
							PCB-1016 Peak 4	2 ug/mL
							PCB-1016 Peak 5	2 ug/mL
							PCB-1260 Peak 1	2 ug/mL
							PCB-1260 Peak 2	2 ug/mL
							PCB-1260 Peak 3	2 ug/mL
							PCB-1260 Peak 4	2 ug/mL
							PCB-1260 Peak 5	2 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG1660ICV@1.0_00015	04/21/16	11/03/15	HEXANE, Lot 0000101243	10 mL	SGPCBIS STOCk_00003	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@1.0_00015	04/21/16	11/03/15	HEXANE, Lot 0000101243	10 mL	SG1660ICV@100_00005	0.1 mL	Aroclor-1016	1 ug/mL
							Aroclor-1260	1 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1660ICV@100_00005	10/28/16	10/28/15	HEXANE, Lot 0000101243	10 mL	SG 1660 ICV_00012	1 mL	Aroclor-1016	100 ug/mL
							Aroclor-1260	100 ug/mL
..SG 1660 ICV_00012	01/30/22		restek, Lot a0114674		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00016	04/22/16	11/13/15	HEXANE, Lot 154006	100 mL	SG1016/1260_00019	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00006	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00019	11/13/16	11/13/15	HEXANE, Lot 0000101243	100 mL	SG1016/1260MX_00009	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00009	05/31/21		Restek, Lot a109056		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00006	05/04/16	05/04/15	HEXANE, Lot 0000086800	100 mL	SGPESTSURR_00007	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00007	08/31/20		Restek, Lot A0103185		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00010	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.2PPM_00012	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00021	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	5 mL	Aroclor-1221	0.5 ug/mL
							Aroclor-1254	0.5 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	Aroclor-1221	10 ug/mL
							Aroclor-1254	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
							Aroclor-1254	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG2154@1.0PPM_00014	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	10 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@2.0PPM_00011	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@O.1PPM_00013	03/11/16	10/06/15	HEXANE, Lot 154006	100 mL	SG2154@10ppm_00009	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00009	03/11/16	06/09/15	HEXANE, Lot 0000096800	100 mL	SG1221/1254_00001	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00001	03/11/16		restek, Lot a0108261		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.05PPM_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	0.5 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	2 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.1PPM_00006	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	1 mL	PCB-1232 Peak 1	100 ug/L
							PCB-1232 Peak 2	100 ug/L
							PCB-1232 Peak 3	100 ug/L
							PCB-1232 Peak 4	100 ug/L
							PCB-1232 Peak 5	100 ug/L
							PCB-1262 Peak 1	100 ug/L
							PCB-1262 Peak 2	100 ug/L
							PCB-1262 Peak 3	100 ug/L
							PCB-1262 Peak 4	100 ug/L
							PCB-1262 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	PCB-1232 Peak 1	500 ug/L
							PCB-1232 Peak 2	500 ug/L
							PCB-1232 Peak 3	500 ug/L
							PCB-1232 Peak 4	500 ug/L
							PCB-1232 Peak 5	500 ug/L
							PCB-1262 Peak 1	500 ug/L
							PCB-1262 Peak 2	500 ug/L
							PCB-1262 Peak 3	500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 4	500 ug/L
							PCB-1262 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
							PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00010	04/22/16	10/06/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00003	5 mL	Aroclor-1232	500 ug/L
							PCB-1262	500 ug/L
.SG32/6210PPM_00003	09/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/62 STK_00001	1 mL	Aroclor-1232	10000 ug/L
							PCB-1262	10000 ug/L
..SG32/62 STK_00001	04/30/21		Restelk, Lot A0108264		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
							PCB-1262	1000 ug/mL
SG3262@1.0PPM_00005	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	10 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@2.0ppm_00004	03/25/16	09/25/15	HEXANE, Lot 154006	100 mL	SG32/6210PPM_00002	20 mL	PCB-1232 Peak 1	2000 ug/L
							PCB-1232 Peak 2	2000 ug/L
							PCB-1232 Peak 3	2000 ug/L
							PCB-1232 Peak 4	2000 ug/L
							PCB-1232 Peak 5	2000 ug/L
							PCB-1262 Peak 1	2000 ug/L
							PCB-1262 Peak 2	2000 ug/L
							PCB-1262 Peak 3	2000 ug/L
							PCB-1262 Peak 4	2000 ug/L
							PCB-1262 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00002	04/24/16	04/24/15	HEXANE, Lot 0000096800	100 mL	SGPCB1232STD_00005	1 mL	PCB-1232 Peak 1	10000 ug/L
							PCB-1232 Peak 2	10000 ug/L
							PCB-1232 Peak 3	10000 ug/L
							PCB-1232 Peak 4	10000 ug/L
							PCB-1232 Peak 5	10000 ug/L
					SGPCB1262STD_00005	1 mL	PCB-1262 Peak 1	10000 ug/L
							PCB-1262 Peak 2	10000 ug/L
							PCB-1262 Peak 3	10000 ug/L
							PCB-1262 Peak 4	10000 ug/L
							PCB-1262 Peak 5	10000 ug/L
..SGPCB1232STD_00005	04/30/18		restek, Lot A086119		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..SGPCB1262STD_00005	05/31/20		restek, Lot A0101379		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG42/68@1.0PP_00008	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	10 mL	PCB-1242 Peak 1	1000 ug/L
							PCB-1242 Peak 2	1000 ug/L
							PCB-1242 Peak 3	1000 ug/L
							PCB-1242 Peak 4	1000 ug/L
							PCB-1242 Peak 5	1000 ug/L
							PCB-1268 Peak 1	1000 ug/L
							PCB-1268 Peak 2	1000 ug/L
							PCB-1268 Peak 3	1000 ug/L
							PCB-1268 Peak 4	1000 ug/L
							PCB-1268 Peak 5	1000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	0.5 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00006	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	1 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.2PPM_00005	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	2 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00007	12/24/15	06/24/15	HEXANE, Lot 0000086560	100 mL	SG42/6810PPM_00002	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
					SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00002	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SGPCBIS STOCk_00002	04/22/16	04/22/15	HEXANE, Lot 0000086560	100 mL	ISTD_00002	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00002	04/30/18		Restek, Lot A0110081		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00011	04/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG42/6810PPM_00003	5 mL	Aroclor-1242	500 ug/L
							PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
.SG42/6810PPM_00003	10/07/16	10/07/15	HEXANE, Lot 154006	100 mL	SG 42/68 STK_00001	1 mL	Aroclor-1242	10000 ug/L
							PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00001	04/30/21		RESTEK, Lot A0108269		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
							PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG4268@2.0PPM_00004	04/01/16	10/01/15	HEXANE, Lot 00000154006	100 mL	SG42/6810PPM_00002	20 mL	PCB-1242 Peak 1	2000 ug/L
							PCB-1242 Peak 2	2000 ug/L
							PCB-1242 Peak 3	2000 ug/L
							PCB-1242 Peak 4	2000 ug/L
							PCB-1242 Peak 5	2000 ug/L
							PCB-1268 Peak 1	2000 ug/L
							PCB-1268 Peak 2	2000 ug/L
							PCB-1268 Peak 3	2000 ug/L
							PCB-1268 Peak 4	2000 ug/L
							PCB-1268 Peak 5	2000 ug/L
					SGPCBIS STOCk_00003	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00002	04/28/16	04/28/15	HEXANE, Lot 0000096800	100 mL	SG1242_00005	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
					SGpcb1268std_00006	1 mL	PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG1242_00005	11/30/18		Restek, Lot A090182		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..SGpcb1268std_00006	12/31/19		Restek, Lot A097795		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SGDROCAL_00021	05/30/16	11/30/15	MECL2, Lot SGDRODCM_00001	25 mL	SGDROCALSTK_00020	5 mL	Diesel	10000 ug/mL
					SGDROSURROTP_00027	2 mL	o-Terphenyl (Surr)	800 ug/mL
.SGDROCALSTK_00020	04/30/22		Restek, Lot A0109732		(Purchased Reagent)		Diesel	50000 ug/mL
.SGDROSURROTP_00027	12/31/18		Restek, Lot A0110923		(Purchased Reagent)		o-Terphenyl (Surr)	10000 ug/mL
SGDROICV_00015	08/26/16	08/26/15	MECL2, Lot 2091477	25 mL	SGDROICVSTK_00008	1 mL	Diesel	2006 ug/mL
.SGDROICVSTK_00008	08/31/18		Ultra, Lot CL-2929		(Purchased Reagent)		Diesel	50150 ug/mL
SGPCBISTD_00003	04/22/16	10/13/15	HEXANE, Lot 154006	100 mL	SGPCBIS STOCk_00003	10 mL	1-Bromo-2-nitrobenzene	1 ug/mL
.SGPCBIS STOCk_00003	04/22/16	04/22/15	HEXANE, Lot 000017549	100 mL	ISTD_00001	1 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00001	04/30/18		Restek, Lot A0108735		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SMIS80PPMW_00013	07/10/16	07/10/15	MECL2, Lot 0000103549	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
.SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 L1 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1PAH ST_00004	2 uL	1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1PAH ST_00004	05/31/16	01/26/15	MECL2, Lot 0000093871	3 mL	SMLIST1 PAH_00004	300 uL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SURR_00003	60 uL	2-Fluorobiphenyl (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 PAH_00004	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2-Fluorobiphenyl (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L2 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	10 uL	1,1'-Biphenyl	0.5 ug/mL
							1,2,4,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							1,3-Dinitrobenzene	0.5 ug/mL
							1,4-Dichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2,3,4,6-Tetrachlorophenol	0.5 ug/mL
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	1 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dichlorophenol	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							3-Nitroaniline	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							4-Nitrophenol	1 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Aniline	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Benzyl alcohol	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Hexadecane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							n-Decane	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenanthrene	0.5 ug/mL
							Phenol	0.5 ug/mL
							Pyrene	0.5 ug/mL
							Pyridine	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Indene	1 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L3 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	20 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	1 ug/mL
							1,3-Dinitrobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Hexadecane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	1 ug/mL
							Benzoic acid	2 ug/mL
							Indene	2 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19	Restek, Lot A0101020			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L4 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	40 uL	1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,3-Dinitrobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Hexadecane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	2 ug/mL
							Benzoic acid	4 ug/mL
							Indene	4 ug/mL
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L5 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	100 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							1,3-Dinitrobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Nitroaniline	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Hexadecane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	5 ug/mL
							Benzoic acid	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indene	10 ug/mL
							Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L6 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	200 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	10 ug/mL
							Benzoic acid	20 ug/mL
							Indene	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L7 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	300 uL	1,1'-Biphenyl	15 ug/mL
							1,2,4,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							1,3-Dinitrobenzene	15 ug/mL
							1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL
							1-Methylnaphthalene	15 ug/mL
							2,3,4,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dichlorophenol	15 ug/mL
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dichlorophenol	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL
							2-Chloronaphthalene	15 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitroaniline	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,6-Dinitro-2-methylphenol	30 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							4-Nitroaniline	15 ug/mL
							4-Nitrophenol	30 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Aniline	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Benzyl alcohol	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Hexadecane	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							n-Decane	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	30 ug/mL
							n-Octadecane	15 ug/mL
							Naphthalene	15 ug/mL
							Nitrobenzene	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenanthrene	15 ug/mL
							Phenol	15 ug/mL
							Pyrene	15 ug/mL
							Pyridine	15 ug/mL
							Benzoic acid	30 ug/mL
							Indene	30 ug/mL
							Atrazine	30 ug/mL
							Benzaldehyde	30 ug/mL
							Caprolactam	30 ug/mL
							3,3'-Dichlorobenzidine	30 ug/mL
							Benzidine	30 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 L8 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	400 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Hexadecane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	40 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
							Benzoic acid	40 ug/mL
							Indene	40 ug/mL
							Atrazine	40 ug/mL
							Benzaldehyde	40 ug/mL
							Caprolactam	40 ug/mL
							3,3'-Dichlorobenzidine	40 ug/mL
							Benzidine	40 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SMLIST1 L9 W_00006	04/20/16	04/21/15	MECL2, Lot 0000103549	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMLIST1 STOCK_00006	500 uL	1,1'-Biphenyl	25 ug/mL
							1,2,4,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,3-Dinitrobenzene	25 ug/mL
							1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2,3,4,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dichlorophenol	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitroaniline	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,6-Dinitro-2-methylphenol	50 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							4-Nitroaniline	25 ug/mL
							4-Nitrophenol	50 ug/mL
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL
							Aniline	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Benzyl alcohol	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL
							Dimethyl phthalate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Hexadecane	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							n-Decane	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	25 ug/mL
							Naphthalene	25 ug/mL
							Nitrobenzene	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenanthrene	25 ug/mL
							Phenol	25 ug/mL
							Pyrene	25 ug/mL
							Pyridine	25 ug/mL
							Benzoic acid	50 ug/mL
							Indene	50 ug/mL
							Atrazine	50 ug/mL
							Benzaldehyde	50 ug/mL
							Caprolactam	50 ug/mL
							3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SMLIST1 STOCK_00006	05/31/16	04/20/15	MECL2, Lot 0000103549	10 mL	SMLIST1 S1_00005	1 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
					SMLIST1 S10_00001	1 mL	Benzoic acid	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indene	200 ug/mL
					SMLIST1 S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1 S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					SMLIST1 SURR_00003	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 S1_00005	05/31/16		Restek, Lot A0107399		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..SMLIST1 S10_00001	06/30/16		Restek, Lot A0107943		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..SMLIST1 S11_00001	06/30/16		Restek, Lot A0108035		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	2000 ug/mL
..SMLIST1 S9_00001	07/31/16		Restek, Lot A0108174		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SMLIST1 SURR_00003	02/22/18		Restek, Lot A093638		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMIS80PPMW_00012	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
.SMIS80PPMW_00012	04/20/16	04/20/15	MECL2, Lot 0000073814	25 mL	SMIS R_00005	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS R_00005	01/31/19		Restek, Lot A0101020		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMLIST1 SS W_00005	04/20/16	04/21/15	MECL2, Lot 0000093871	2 mL	SMLIST1 SS ST_00005	200 uL	1,1'-Biphenyl	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMLIST1 SS ST_00005	06/30/16	04/21/15	MECL2, Lot 0000103549	10 mL	SMLIST1 SS S1_00004	1 mL	1,1'-Biphenyl	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
					SMLIST1 SS S9_00001	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
					SMLIST1SS S11_00001	1 mL	Atrazine	200 ug/mL
							Benzaldehyde	200 ug/mL
							Caprolactam	200 ug/mL
					SMLIST1SS SUR_00002	200 uL	2,4,6-Tribromophenol (Surr)	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SMLIST1 SS S1_00004	06/30/16		Restek, Lot A0107697		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	2000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..SMLIST1 SS S9_00001	07/31/16		Restek, Lot A0108170		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
..SMLIST1SS S11_00001	06/30/16		Restek, Lot A0108042		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SMLIST1SS SUR_00002	09/30/18		Restek, Lot A092712		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	5000 ug/mL
							2-Fluorobiphenyl (Surr)	5000 ug/mL
							2-Fluorophenol (Surr)	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5 (Surr)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	5000 ug/mL
VGGASCALNEW_00015	12/23/15	09/23/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	C6-C12	100 ug/mL
							Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		C6-C12	2500 ug/mL
							Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCALNEW_00016	03/08/16	12/08/15	MEOH, Lot 62345	25 mL	VGGASSTOCKNEW_00003	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGGASSTOCKNEW_00003	01/31/20		RESTEK, Lot A092645		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	2500 ug/mL
VGGASCHK_00070	02/04/16	11/04/15	MEOH, Lot 49909	50 mL	VGASCHK_00002	1 mL	Gasoline Range Organics [C6 - C10]	100 ug/mL
.VGASCHK_00002	10/30/19		AccuStandard, Lot B5040009-01		(Purchased Reagent)		Gasoline Range Organics [C6 - C10]	5 mg/mL
VGGASURROGATE_00034	01/09/16	10/09/15	MEOH, Lot 49909	50 mL	VGSURRSTKGAS_00019	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00019	08/31/16		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00031	04/21/16	11/21/15	MEOH, Lot +171940000118655jm	100 mL	vmcus8126_00008	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00008	09/30/16		Ultra Scientific, Lot CL-3192		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250SS_00033	02/09/16	11/09/15	MEOH, Lot +171940000118655JM	50 mL	VM567650_00023	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VM50IS_00053	05/24/16	11/24/15	MEOH, Lot 118655	100 mL	vm30241_00002	2 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00002	11/30/19		restek, Lot A0107133		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00225	01/04/16	12/28/15	MEOH, Lot na	2 mL	vm50ss_stk_00067	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00067	04/05/16	10/05/15	MEOH, Lot 0000099494	200 mL	VM567650_00023	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00067	04/05/16	10/05/15	MEOH, Lot 0000099494	200 mL	VM567650_00023	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00023	06/30/19		Restek, Lot A0104073		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00128	12/16/15	12/09/15	MEOH, Lot na	3 mL	VMACROLSTD_00032	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00032	02/29/16	11/30/15	MEOH, Lot +171940000118655jm	20 mL	VM568720_00010	250 uL	Acrolein	250 ug/mL
..VM568720_00010	03/31/16		restek, Lot A0115119		(Purchased Reagent)		Acrolein	20000 ug/mL
VMAROLISTDW_00131	01/04/16	12/28/15	MEOH, Lot na	3 mL	VMACROLSTD_00032	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00032	02/29/16	11/30/15	MEOH, Lot +171940000118655jm	20 mL	VM568720_00010	250 uL	Acrolein	250 ug/mL
..VM568720_00010	03/31/16		restek, Lot A0115119		(Purchased Reagent)		Acrolein	20000 ug/mL
VMFASA9W_00080	12/16/15	12/09/15	MEOH, Lot NA	2 mL	VMFASA9_00006	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMFASA9_00006	02/29/16	11/30/15	MEOH, Lot +171940000118655jm	100 mL	vm569725S_00003	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
					VM569728S_00001	2 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
..vm569725S_00003	02/29/16		restek, Lot A0113467		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
..VM569728S_00001	04/30/17		restek, Lot A0110751		(Purchased Reagent)		Diisopropyl ether	2500 ug/mL
							Ethyl t-butyl ether	2500 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
VMFASA9W_00082	01/05/16	12/29/15	MEOH, Lot NA	2 mL	VMFASA9_00006	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMFASA9_00006	02/29/16	11/30/15	MEOH, Lot +171940000118655jm	100 mL	vm569725S_00003	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
					VM569728S_00001	2 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
..vm569725S_00003	02/29/16		restek, Lot A0113467		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
..VM569728S_00001	04/30/17		restek, Lot A0110751		(Purchased Reagent)		Diisopropyl ether	2500 ug/mL
							Ethyl t-butyl ether	2500 ug/mL
							Tert-amyl methyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMFASGW_00129	12/18/15	12/11/15	MEOH, Lot NA	2 mL	VMFASG_00037	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00037	12/30/15	11/30/15	MEOH, Lot +171940000118655jm	50 mL	vm569722S_00001	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00001	08/31/18		Restek, Lot A0113063		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00132	01/06/16	12/30/15	MEOH, Lot NA	2 mL	VMFASG_00038	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00038	01/31/16	12/30/15	MEOH, Lot 0000118655	50 mL	vm569722S_00001	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00001	08/31/18		Restek, Lot A0113063		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASPW_00130	12/18/15	12/11/15	MEOH, Lot n/a	2 mL	VMRFASP_00024	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone (MEK)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00024	01/31/16	11/01/15	MEOH, Lot 0000118655	100 mL	VM567641S_00007	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00001	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00003	1 mL	Vinyl acetate	50 ug/mL
..VM567641S_00007	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569723S_00001	01/31/18		Restek, Lot A0108188		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00003	01/31/16		Restek, Lot A0112364		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMFASPW_00133	01/06/16	12/30/15	MEOH, Lot n/a	2 mL	VMRFASP_00025	2 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
.VMRFASP_00025	01/30/16	12/30/15	MEOH, Lot +171940000118655JM	100 mL	VM567642S_00005	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569720S_00001	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM569723S_00001	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00003	1 mL	Vinyl acetate	50 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM569720S_00001	01/31/17		Restek, Lot A0108163		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							p-Isopropyltoluene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butyl alcohol (TBA)	25000 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
..VM569723S_00001	01/31/18		Restek, Lot A0108188		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00003	01/31/16		Restek, Lot A0112364		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRA9W_00135	12/16/15	12/09/15	MEOH, Lot NA	1 mL	VMRA9_00014	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00014	12/31/15	12/01/15	MEOH, Lot 00000118655	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00004	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00002	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16	Restek, Lot A093361			(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15	restek, Lot A099930			(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00004	03/31/16	restek, Lot A0113771			(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00002	01/31/17	Restek, Lot A0108210			(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL
VMRA9W_00137	12/31/15	12/28/15	MEOH, Lot NA	1 mL	VMRA9_00014	1 mL	Cyclohexanone	500 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							2-Methylnaphthalene	100 ug/mL
.VMRA9_00014	12/31/15	12/01/15	MEOH, Lot 00000118655	50 mL	VM567648_00014	1.25 mL	Cyclohexanone	500 ug/mL
					VM568723_00001	1.25 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
					vm569725_00004	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
					vm569726_00002	2 mL	2-Methylnaphthalene	100 ug/mL
..VM567648_00014	02/29/16	Restek, Lot A093361			(Purchased Reagent)		Cyclohexanone	20000 ug/mL
..VM568723_00001	12/31/15	restek, Lot A099930			(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Diisopropyl ether	2000 ug/mL
							Ethyl t-butyl ether	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
..vm569725_00004	03/31/16	restek, Lot A0113771			(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Butyl acetate	2500 ug/mL
..vm569726_00002	01/31/17	Restek, Lot A0108210			(Purchased Reagent)		2-Methylnaphthalene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMRA9W_00138	01/07/16	12/31/15	MEOH, Lot NA	1 mL	VMRA9_00015	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMRA9_00015	03/31/16	12/31/15	MEOH, Lot 00000118655	50 mL	vm569725_00004	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
					VM569728_00001	1 mL	Diisopropyl ether	50 ug/mL
							Ethyl t-butyl ether	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
..vm569725_00004	03/31/16		restek, Lot A0113771		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
..VM569728_00001	04/30/17		restek, Lot A0110540		(Purchased Reagent)		Diisopropyl ether	2500 ug/mL
							Ethyl t-butyl ether	2500 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
VMRGAS_00129	12/15/15	12/08/15	MEOH, Lot 0000118655	10 mL	vm569722_00003	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00003	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00131	12/31/15	12/24/15	MEOH, Lot 0000118655	10 mL	vm569722_00003	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00003	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00132	01/09/16	01/02/16	MEOH, Lot 0000118655	10 mL	vm569722_00004	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00004	04/30/18		Restek, Lot A0110070		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRPRIMW_00160	12/14/15	12/07/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00003	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00003	01/31/16		Restek, Lot A0112975		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00163	01/05/16	12/29/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00015	0.5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00020	2.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00003	0.5 mL	Vinyl acetate	50 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Cyclohexane	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Hexane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutyl alcohol	50000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methyl acetate	10000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Methylcyclohexane	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							n-Heptane	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							p-Isopropyltoluene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butyl alcohol (TBA)	20000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00015	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone (MEK)	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567643_00020	02/29/16		restek, Lot A093368		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
..VM569724_00003	01/31/16		Restek, Lot A0112975		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
VMRPRIMW_00163	01/05/16	12/29/15	MEOH, Lot NA	1 mL	VMRPRIM_00014	1 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00014	01/31/16	11/01/15	MEOH, Lot 0000118655	50 mL	VM567641_00013	1.25 mL	Xylenes, Total	100 ug/mL
..VM567641_00013	02/29/16		restek, Lot A093581		(Purchased Reagent)		Xylenes, Total	4000 ug/mL

Certification Summary

Client: Tetra Tech, Inc. TestAmerica Job ID: 240-59482-1
Project/Site: MRC Block F UST Pipe Inv.

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	State Program	9	2927
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky (UST)	State Program	4	58
TestAmerica Canton	Kentucky (WW)	State Program	4	98016
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Oregon	NELAP	10	4062
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	T104704517-15-5
TestAmerica Canton	USDA	Federal		P330-13-00319
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260C

Volatile Organic Compounds (GC/MS) by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
F-VB-UST-P-7	240-59482-2	93	100	91	88
F-VB-UST-P-8	240-59482-3	90	97	91	87
	MB 240-212606/24	93	97	88	86
	LCS 240-212606/23	94	92	97	91
	LCS 240-212606/25	90	92	93	89
F-VB-UST-P-7 MS	240-59482-2 MS	95	97	92	91
F-VB-UST-P-7 MSD	240-59482-2 MSD	95	100	91	87

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-122815	240-59482-1	93	99	102	112
	MB 240-212893/8	94	97	102	111
	LCS 240-212893/5	101	96	100	114
	240-59545-B-2 MS	100	102	103	117
	240-59545-B-2 MSD	105	97	98	116

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147320.D

Lab ID: LCS 240-212606/23 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	50.0	58.6	117	80-120	
1,1,1-Trichloroethane	50.0	54.0	108	77-126	
1,1,2,2-Tetrachloroethane	50.0	53.5	107	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.3	91	80-138	
1,1-Dichloroethane	50.0	51.1	102	76-120	
1,1-Dichloroethene	50.0	42.2	84	75-135	
1,1-Dichloropropene	50.0	54.6	109	80-120	
1,2,3-Trichlorobenzene	50.0	45.6	91	61-121	
1,2,3-Trichloropropane	50.0	57.2	114	80-126	
1,2,4-Trichlorobenzene	50.0	45.6	91	64-124	
1,2,4-Trimethylbenzene	50.0	52.6	105	80-129	
1,2-Dibromo-3-Chloropropane	50.0	55.6	111	61-132	
1,2-Dichlorobenzene	50.0	48.1	96	76-120	
1,2-Dichloroethane	50.0	52.5	105	72-120	
1,2-Dichloropropane	50.0	52.7	105	80-120	
1,3-Dichlorobenzene	50.0	47.0	94	78-120	
1,3-Dichloropropane	50.0	51.7	103	80-120	
1,4-Dichlorobenzene	50.0	47.3	95	75-120	
2,2-Dichloropropane	50.0	54.3	109	69-135	
2-Butanone (MEK)	100	96.3	96	52-131	
2-Chloroethyl vinyl ether	50.0	54.3	109	28-173	
2-Chlorotoluene	50.0	52.2	104	78-120	
2-Hexanone	100	99.2	99	64-136	
4-Chlorotoluene	50.0	48.3	97	79-120	
p-Isopropyltoluene	50.0	53.4	107	77-131	
4-Methyl-2-pentanone (MIBK)	100	109	109	67-135	
Acetone	100	94.9	95	41-137	
Benzene	50.0	50.8	102	79-120	
Bromobenzene	50.0	51.6	103	80-120	
Bromoform	50.0	54.9	110	62-133	
Bromomethane	20.0	19.2	96	42-136	
Carbon disulfide	50.0	54.9	110	62-146	
Carbon tetrachloride	50.0	57.7	115	71-129	
Chlorobenzene	50.0	50.5	101	78-120	
Dibromochloromethane	50.0	54.7	109	72-127	
Chloroethane	20.0	19.5	98	58-120	
Chloroform	50.0	51.8	104	77-120	
Chloromethane	20.0	20.5	102	50-120	
cis-1,2-Dichloroethene	50.0	52.6	105	76-120	
cis-1,3-Dichloropropene	50.0	53.5	107	74-128	
Dibromomethane	50.0	53.8	108	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147320.D

Lab ID: LCS 240-212606/23 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	50.0	52.0	104	79-120	
Dichlorodifluoromethane	20.0	20.7	103	26-120	
Bromodichloromethane	50.0	54.4	109	80-122	
tert-Butyl alcohol (TBA)	500	450	90	60-125	
Ethylbenzene	50.0	51.6	103	79-120	
Hexachlorobutadiene	50.0	51.3	103	54-131	
Isopropylbenzene	50.0	54.4	109	76-122	
Methyl tert-butyl ether	50.0	53.0	106	49-165	
Methylene Chloride	50.0	50.7	101	75-120	
m-Xylene & p-Xylene	50.0	53.8	108	80-120	
Naphthalene	50.0	51.1	102	65-123	
n-Butylbenzene	50.0	50.3	101	68-135	
N-Propylbenzene	50.0	53.2	106	80-129	
o-Xylene	50.0	54.6	109	80-120	
sec-Butylbenzene	50.0	55.3	111	74-129	
Styrene	50.0	53.8	108	80-120	
Tetrachloroethene	50.0	51.4	103	79-120	
Toluene	50.0	53.2	106	75-120	
trans-1,2-Dichloroethene	50.0	53.2	106	78-120	
trans-1,3-Dichloropropene	50.0	55.5	111	73-131	
Trichloroethene	50.0	53.1	106	79-120	
Trichlorofluoromethane	20.0	21.1	106	57-146	
Vinyl acetate	50.0	48.6	97	70-130	
Vinyl chloride	20.0	20.2	101	57-120	
Xylenes, Total	100	108	108	80-120	
tert-Butylbenzene	50.0	54.9	110	76-126	
1,2-Dibromoethane	50.0	56.1	112	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5593.D

Lab ID: LCS 240-212893/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	10.0	8.23	82	80-120	
1,1,1-Trichloroethane	10.0	8.79	88	77-123	
1,1,2,2-Tetrachloroethane	10.0	9.40	94	71-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.5	105	67-138	
1,1-Dichloroethane	10.0	9.36	94	79-125	
1,1-Dichloroethene	10.0	9.64	96	76-124	
1,1-Dichloropropene	10.0	10.1	101	80-128	
1,2,3-Trichlorobenzene	10.0	8.36	84	66-120	
1,2,3-Trichloropropane	10.0	9.73	97	72-126	
1,2,4-Trichlorobenzene	10.0	8.53	85	61-120	
1,2,4-Trimethylbenzene	10.0	9.27	93	76-120	
1,2-Dibromo-3-Chloropropane	10.0	8.17	82	50-132	
1,2-Dichlorobenzene	10.0	9.02	90	79-120	
1,2-Dichloroethane	10.0	9.32	93	80-120	
1,2-Dichloropropane	10.0	9.80	98	78-124	
1,3-Dichlorobenzene	10.0	9.06	91	79-120	
1,3-Dichloropropane	10.0	9.36	94	80-120	
1,4-Dichlorobenzene	10.0	9.07	91	79-120	
2,2-Dichloropropane	10.0	7.92	79	71-122	
2-Butanone (MEK)	20.0	21.5	108	56-138	
2-Chloroethyl vinyl ether	10.0	9.80 J	98	54-139	
2-Chlorotoluene	10.0	9.14	91	80-120	
2-Hexanone	20.0	18.5	92	55-141	
4-Chlorotoluene	10.0	9.06	91	80-120	
p-Isopropyltoluene	10.0	9.23	92	77-120	
4-Methyl-2-pentanone (MIBK)	20.0	19.6	98	64-135	
Acetone	20.0	19.1	95	34-148	
Benzene	10.0	9.39	94	80-120	
Bromobenzene	10.0	9.14	91	80-120	
Bromoform	10.0	6.29	63	56-122	
Bromomethane	10.0	6.43	64	38-132	
Carbon disulfide	10.0	9.43	94	65-144	
Carbon tetrachloride	10.0	7.89	79	77-131	
Chlorobenzene	10.0	9.32	93	80-120	
Dibromochloromethane	10.0	7.97	80	74-120	
Chloroethane	10.0	7.54	75	36-126	
Chloroform	10.0	9.57	96	80-120	
Chloromethane	10.0	9.55	96	48-133	
cis-1,2-Dichloroethene	10.0	9.75	98	79-120	
cis-1,3-Dichloropropene	10.0	9.84	98	74-126	
Dibromomethane	10.0	9.81	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5593.D

Lab ID: LCS 240-212893/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	10.0	9.83	98	80-120	
Dichlorodifluoromethane	10.0	7.57	76	23-136	
Bromodichloromethane	10.0	8.91	89	80-120	
tert-Butyl alcohol (TBA)	100	79.5	79	38-144	
Ethylbenzene	10.0	9.45	95	80-120	
Hexachlorobutadiene	10.0	7.63	76	62-120	
Isopropylbenzene	10.0	9.47	95	77-120	
Methyl tert-butyl ether	10.0	9.50	95	69-121	
Methylene Chloride	10.0	8.56	86	77-129	
m-Xylene & p-Xylene	10.0	9.38	94	80-120	
Naphthalene	10.0	9.11	91	53-121	
n-Butylbenzene	10.0	8.99	90	74-120	
N-Propylbenzene	10.0	9.29	93	79-123	
o-Xylene	10.0	9.59	96	80-120	
sec-Butylbenzene	10.0	9.27	93	77-120	
Styrene	10.0	9.62	96	76-122	
Tetrachloroethene	10.0	9.39	94	78-121	
Toluene	10.0	9.29	93	80-120	
trans-1,2-Dichloroethene	10.0	9.74	97	80-124	
trans-1,3-Dichloropropene	10.0	9.12	91	75-131	
Trichloroethene	10.0	9.82	98	80-121	
Trichlorofluoromethane	10.0	9.18	92	61-133	
Vinyl acetate	10.0	8.16	82	27-160	
Vinyl chloride	10.0	9.13	91	52-121	
Xylenes, Total	20.0	19.0	95	80-120	
tert-Butylbenzene	10.0	9.36	94	77-121	
1,2-Dibromoethane	10.0	9.65	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147327.D

Lab ID: 240-59482-2 MS Client ID: F-VB-UST-P-7 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	54.2	0.58 U	44.5	82	34-135	
1,1,1-Trichloroethane	54.2	0.76 U	50.6	93	51-128	
1,1,2,2-Tetrachloroethane	54.2	0.36 U	43.6	80	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	54.2	0.49 U	52.2	96	50-147	
1,1-Dichloroethane	54.2	0.40 U	45.9	85	54-122	
1,1-Dichloroethene	54.2	0.93 U	48.2	89	49-157	
1,1-Dichloropropene	54.2	0.43 U	50.4	93	50-122	
1,2,3-Trichlorobenzene	54.2	0.58 U	22.8	42	10-120	
1,2,3-Trichloropropane	54.2	0.91 U	48.1	89	32-174	
1,2,4-Trichlorobenzene	54.2	0.44 U	23.3	43	10-120	
1,2,4-Trimethylbenzene	54.2	1.9 J	37.0	65	10-173	
1,2-Dibromo-3-Chloropropane	54.2	3.2 U	40.1	74	10-153	
1,2-Dichlorobenzene	54.2	0.40 U	30.9	57	17-122	
1,2-Dichloroethane	54.2	0.54 U	44.3	82	49-123	
1,2-Dichloropropane	54.2	0.16 U	47.0	87	61-120	
1,3-Dichlorobenzene	54.2	0.80 U	29.9	55	16-126	
1,3-Dichloropropane	54.2	0.47 U	41.4	76	54-128	
1,4-Dichlorobenzene	54.2	0.33 U	27.7	51	15-121	
2,2-Dichloropropane	54.2	0.51 U	46.0	85	49-132	
2-Butanone (MEK)	108	4.8 J	89.2	78	30-143	
2-Chloroethyl vinyl ether	54.2	0.75 U	33.0 J	61	10-162	
2-Chlorotoluene	54.2	0.35 U	35.4	65	11-162	
2-Hexanone	108	0.79 U	90.1	83	37-147	
4-Chlorotoluene	54.2	0.30 U	32.1	59	15-149	
p-Isopropyltoluene	54.2	0.48 U	34.2	63	10-165	
4-Methyl-2-pentanone (MIBK)	108	1.4 U	97.1	90	43-147	
Acetone	108	36	102	61	24-140	
Benzene	54.2	1.0 U	45.9	85	53-120	
Bromobenzene	54.2	0.38 U	35.4	65	24-144	
Bromoform	54.2	0.28 U	42.3	78	18-129	
Bromomethane	21.7	0.49 U	16.0	74	33-130	
Carbon disulfide	54.2	0.69 U	43.4	80	20-151	
Carbon tetrachloride	54.2	0.76 U	54.2	100	32-137	
Chlorobenzene	54.2	0.62 U	38.3	71	37-120	
Dibromochloromethane	54.2	0.43 U	42.4	78	29-135	
Chloroethane	21.7	0.51 U	17.2	79	45-120	
Chloroform	54.2	0.42 U	45.3	83	53-120	
Chloromethane	21.7	0.92 U	18.5	85	34-120	
cis-1,2-Dichloroethene	54.2	0.33 U	43.2	80	50-120	
cis-1,3-Dichloropropene	54.2	0.83 U	42.5	78	27-133	
Dibromomethane	54.2	0.49 U	43.3	80	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147327.D

Lab ID: 240-59482-2 MS Client ID: F-VB-UST-P-7 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Bromochloromethane	54.2	0.38 U	41.7	77	53-120	
Dichlorodifluoromethane	21.7	0.33 U	20.5	95	17-120	
Bromodichloromethane	54.2	0.34 U	46.2	85	35-132	
tert-Butyl alcohol (TBA)	542	6.7 U	454	84	60-125	
Ethylbenzene	54.2	0.66 J	40.5	73	30-131	
Hexachlorobutadiene	54.2	0.47 U	24.2	45	10-131	
Isopropylbenzene	54.2	0.24 J	39.5	72	21-134	
Methyl tert-butyl ether	54.2	0.50 U	46.4	85	51-157	
Methylene Chloride	54.2	0.86 U	40.6	75	54-120	
m-Xylene & p-Xylene	54.2	2.9 J	42.1	72	29-131	
Naphthalene	54.2	0.61 J	31.1	56	10-124	
n-Butylbenzene	54.2	0.69 U	29.5	54	10-148	
N-Propylbenzene	54.2	0.70 U	36.8	68	10-178	
o-Xylene	54.2	1.2 J	42.2	76	29-134	
sec-Butylbenzene	54.2	1.1 U	35.7	66	10-172	
Styrene	54.2	0.47 U	37.2	69	27-127	
Tetrachloroethene	54.2	0.93 U	42.6	78	31-135	
Toluene	54.2	1.6 J	45.1	80	39-129	
trans-1,2-Dichloroethene	54.2	0.37 U	44.0	81	50-123	
trans-1,3-Dichloropropene	54.2	0.34 U	37.3	69	28-137	
Trichloroethene	54.2	0.44 U	44.7	82	10-177	
Trichlorofluoromethane	21.7	0.34 U	20.8	96	36-142	
Vinyl acetate	54.2	0.77 U	32.9	61	70-130	F1
Vinyl chloride	21.7	0.35 U	18.3	84	42-120	
Xylenes, Total	108	4.1 J	84.3	74	30-131	
tert-Butylbenzene	54.2	0.78 U	38.2	70	10-163	
1,2-Dibromoethane	54.2	0.62 U	42.6	78	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5610.D

Lab ID: 240-59545-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	5000	220 U	4250	85	69-122	
1,1,2,2-Tetrachloroethane	5000	110 U	4970	99	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	5000	230 U	4400	88	44-140	
1,1-Dichloroethane	5000	5600	10600	100	73-124	
1,1-Dichloroethene	5000	230 U	4740	95	67-124	
1,2,4-Trichlorobenzene	5000	160 U	3990	80	48-120	
1,2-Dibromo-3-Chloropropane	5000	410 U	3890	78	42-130	
1,2-Dichlorobenzene	5000	130 U	4420	88	67-118	
1,2-Dichloroethane	5000	120 J	4970	99	74-125	
1,2-Dichloropropane	5000	130 U	4850	97	73-122	
1,3-Dichlorobenzene	5000	95 U	4440	89	65-120	
1,4-Dichlorobenzene	5000	140 U	4470	89	66-120	
2-Butanone (MEK)	10000	660 J	11300	107	49-132	
2-Hexanone	10000	240 U	10100	101	49-142	
4-Methyl-2-pentanone (MIBK)	10000	500 U	10400	104	58-136	
Acetone	10000	470 U	8410	84	32-126	
Benzene	5000	180 U	4720	94	73-121	
Bromoform	5000	280 U	3020	60	45-121	
Bromomethane	5000	220 U	2680	54	26-136	
Carbon disulfide	5000	190 U	4490	90	54-144	
Carbon tetrachloride	5000	220 U	3710	74	65-129	
Chlorobenzene	5000	130 U	4670	93	72-120	
Dibromochloromethane	5000	220 U	3910	78	62-122	
Chloroethane	5000	410 J	3500	62	27-131	
Chloroform	5000	130 U	4760	95	73-121	
Chloromethane	5000	220 U	4750	95	39-134	
cis-1,2-Dichloroethene	5000	13000	17700	101	66-124	
cis-1,3-Dichloropropene	5000	230 U	4550	91	60-120	
Dichlorodifluoromethane	5000	160 U	3190	64	14-137	
Bromodichloromethane	5000	150 U	4260	85	72-120	
Ethylbenzene	5000	130 U	4710	94	68-121	
Isopropylbenzene	5000	180 U	4710	94	61-122	
Methyl tert-butyl ether	5000	100 U	4640	93	61-121	
Methylene Chloride	5000	170 U	4360	87	70-124	
m-Xylene & p-Xylene	5000	120 U	4700	94	66-123	
o-Xylene	5000	130 U	4760	95	68-121	
Styrene	5000	230 U	4790	96	64-126	
Tetrachloroethene	5000	160 U	4540	91	59-125	
Toluene	5000	120 U	4690	94	72-122	
trans-1,2-Dichloroethene	5000	500	5390	98	72-125	
trans-1,3-Dichloropropene	5000	280 U	4330	87	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5610.D

Lab ID: 240-59545-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Trichloroethene	5000	110 U	4800	96	61-129	
Trichlorofluoromethane	5000	250 U	3960	79	49-133	
Vinyl chloride	5000	4200	8920	95	44-122	
Xylenes, Total	10000	260 U	9460	95	67-122	
1,2-Dibromoethane	5000	160 U	5040	101	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147328.D

Lab ID: 240-59482-2 MSD Client ID: F-VB-UST-P-7 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	56.0	41.7	74	7	30	34-135	
1,1,1-Trichloroethane	56.0	55.0	98	8	30	51-128	
1,1,2,2-Tetrachloroethane	56.0	47.6	85	9	30	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.0	58.3	104	11	30	50-147	
1,1-Dichloroethane	56.0	50.9	91	10	30	54-122	
1,1-Dichloroethene	56.0	56.9	102	17	30	49-157	
1,1-Dichloropropene	56.0	51.9	93	3	30	50-122	
1,2,3-Trichlorobenzene	56.0	19.0	34	18	30	10-120	
1,2,3-Trichloropropane	56.0	50.5	90	5	30	32-174	
1,2,4-Trichlorobenzene	56.0	17.4	31	29	30	10-120	
1,2,4-Trimethylbenzene	56.0	27.3	45	30	30	10-173	
1,2-Dibromo-3-Chloropropane	56.0	48.9	87	20	30	10-153	
1,2-Dichlorobenzene	56.0	23.5	42	27	30	17-122	
1,2-Dichloroethane	56.0	49.6	89	11	30	49-123	
1,2-Dichloropropane	56.0	48.5	87	3	30	61-120	
1,3-Dichlorobenzene	56.0	20.8	37	36	30	16-126	F2
1,3-Dichloropropane	56.0	43.5	78	5	30	54-128	
1,4-Dichlorobenzene	56.0	20.0	36	32	30	15-121	F2
2,2-Dichloropropane	56.0	50.4	90	9	30	49-132	
2-Butanone (MEK)	112	106	91	18	30	30-143	
2-Chloroethyl vinyl ether	56.0	39.9 J	71	19	30	10-162	
2-Chlorotoluene	56.0	24.1	43	38	30	11-162	F2
2-Hexanone	112	103	92	13	30	37-147	
4-Chlorotoluene	56.0	21.3	38	40	30	15-149	F2
p-Isopropyltoluene	56.0	20.0	36	52	30	10-165	F2
4-Methyl-2-pentanone (MIBK)	112	117	104	19	30	43-147	
Acetone	112	125	80	20	30	24-140	
Benzene	56.0	47.6	85	4	30	53-120	
Bromobenzene	56.0	28.4	51	22	30	24-144	
Bromoform	56.0	42.8	76	1	30	18-129	
Bromomethane	22.4	17.9	80	11	30	33-130	
Carbon disulfide	56.0	45.7	82	5	30	20-151	
Carbon tetrachloride	56.0	56.7	101	5	30	32-137	
Chlorobenzene	56.0	31.6	56	19	30	37-120	
Dibromochloromethane	56.0	43.6	78	3	30	29-135	
Chloroethane	22.4	19.1	85	10	30	45-120	
Chloroform	56.0	49.0	87	8	30	53-120	
Chloromethane	22.4	22.6	101	20	30	34-120	
cis-1,2-Dichloroethene	56.0	47.7	85	10	30	50-120	
cis-1,3-Dichloropropene	56.0	41.8	75	2	30	27-133	
Dibromomethane	56.0	46.2	83	7	30	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 147328.D

Lab ID: 240-59482-2 MSD Client ID: F-VB-UST-P-7 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	56.0	46.8	84	12	30	53-120	
Dichlorodifluoromethane	22.4	24.1	108	16	30	17-120	
Bromodichloromethane	56.0	47.1	84	2	30	35-132	
tert-Butyl alcohol (TBA)	560	541	97	17	30	60-125	
Ethylbenzene	56.0	31.4	55	25	30	30-131	
Hexachlorobutadiene	56.0	12.2	22	66	30	10-131	F2
Isopropylbenzene	56.0	28.6	51	32	30	21-134	F2
Methyl tert-butyl ether	56.0	53.0	95	13	30	51-157	
Methylene Chloride	56.0	45.3	81	11	30	54-120	
m-Xylene & p-Xylene	56.0	34.9	57	19	30	29-131	
Naphthalene	56.0	31.3	55	1	30	10-124	
n-Butylbenzene	56.0	15.6	28	62	30	10-148	F2
N-Propylbenzene	56.0	23.4	42	45	30	10-178	F2
o-Xylene	56.0	33.9	58	22	30	29-134	
sec-Butylbenzene	56.0	21.4	38	50	30	10-172	F2
Styrene	56.0	28.1	50	28	30	27-127	
Tetrachloroethene	56.0	34.7	62	20	30	31-135	
Toluene	56.0	40.2	69	11	30	39-129	
trans-1,2-Dichloroethene	56.0	48.3	86	9	30	50-123	
trans-1,3-Dichloropropene	56.0	38.8	69	4	30	28-137	
Trichloroethene	56.0	44.3	79	1	30	10-177	
Trichlorofluoromethane	22.4	24.7	110	17	30	36-142	
Vinyl acetate	56.0	43.6	78	28	30	70-130	
Vinyl chloride	22.4	21.8	97	18	30	42-120	
Xylenes, Total	112	68.8	58	20	30	30-131	
tert-Butylbenzene	56.0	25.3	45	40	30	10-163	F2
1,2-Dibromoethane	56.0	43.9	78	3	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5611.D

Lab ID: 240-59545-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	5000	4480	90	5	14	69-122	
1,1,2,2-Tetrachloroethane	5000	4970	99	0	18	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	5000	5180	104	16	35	44-140	
1,1-Dichloroethane	5000	10800	106	3	14	73-124	
1,1-Dichloroethene	5000	5020	100	6	24	67-124	
1,2,4-Trichlorobenzene	5000	4280	86	7	28	48-120	
1,2-Dibromo-3-Chloropropane	5000	3860	77	1	24	42-130	
1,2-Dichlorobenzene	5000	4610	92	4	15	67-118	
1,2-Dichloroethane	5000	4960	99	0	24	74-125	
1,2-Dichloropropane	5000	4910	98	1	15	73-122	
1,3-Dichlorobenzene	5000	4550	91	2	15	65-120	
1,4-Dichlorobenzene	5000	4580	92	2	16	66-120	
2-Butanone (MEK)	10000	9840	92	14	19	49-132	
2-Hexanone	10000	8950	89	12	27	49-142	
4-Methyl-2-pentanone (MIBK)	10000	9860	99	5	32	58-136	
Acetone	10000	8100	81	4	28	32-126	
Benzene	5000	4820	96	2	13	73-121	
Bromoform	5000	3200	64	6	19	45-121	
Bromomethane	5000	5100	102	62	35	26-136	F2
Carbon disulfide	5000	4730	95	5	34	54-144	
Carbon tetrachloride	5000	4200	84	12	20	65-129	
Chlorobenzene	5000	4690	94	0	15	72-120	
Dibromochloromethane	5000	3960	79	1	19	62-122	
Chloroethane	5000	5260	97	40	35	27-131	F2
Chloroform	5000	4950	99	4	17	73-121	
Chloromethane	5000	4860	97	2	20	39-134	
cis-1,2-Dichloroethene	5000	18400	116	4	22	66-124	
cis-1,3-Dichloropropene	5000	4610	92	1	21	60-120	
Dichlorodifluoromethane	5000	4070	81	24	34	14-137	
Bromodichloromethane	5000	4410	88	3	19	72-120	
Ethylbenzene	5000	4850	97	3	16	68-121	
Isopropylbenzene	5000	4950	99	5	20	61-122	
Methyl tert-butyl ether	5000	4740	95	2	12	61-121	
Methylene Chloride	5000	4590	92	5	14	70-124	
m-Xylene & p-Xylene	5000	4800	96	2	15	66-123	
o-Xylene	5000	4820	96	1	14	68-121	
Styrene	5000	4900	98	2	15	64-126	
Tetrachloroethene	5000	4620	92	2	20	59-125	
Toluene	5000	4620	92	2	15	72-122	
trans-1,2-Dichloroethene	5000	5740	105	6	25	72-125	
trans-1,3-Dichloropropene	5000	4270	85	1	22	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC5611.D

Lab ID: 240-59545-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Trichloroethene	5000	4960	99	3	14	61-129	
Trichlorofluoromethane	5000	4740	95	18	25	49-133	
Vinyl chloride	5000	9380	104	5	35	44-122	
Xylenes, Total	10000	9620	96	2	14	67-122	
1,2-Dibromoethane	5000	4900	98	3	24	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: 147321.D Lab Sample ID: MB 240-212606/24

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 12/30/2015 20:00

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-212606/23	147320.D	12/30/2015 19:39
	LCS 240-212606/25	147322.D	12/30/2015 20:22
F-VB-UST-P-7	240-59482-2	147326.D	12/30/2015 21:48
F-VB-UST-P-7 MS	240-59482-2 MS	147327.D	12/30/2015 22:09
F-VB-UST-P-7 MSD	240-59482-2 MSD	147328.D	12/30/2015 22:31
F-VB-UST-P-8	240-59482-3	147330.D	12/30/2015 23:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: UXC5596.D Lab Sample ID: MB 240-212893/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX15 Date Analyzed: 01/04/2016 11:26

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-212893/5	UXC5593.D	01/04/2016 10:18
TB-122815	240-59482-1	UXC5597.D	01/04/2016 12:07
	240-59545-B-2 MS	UXC5610.D	01/04/2016 17:00
	240-59545-B-2 MSD	UXC5611.D	01/04/2016 17:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: BFB Injection Date:

Instrument ID: BFB Injection Time:

Lab File ID: DFTPP Injection Date:

Instrument ID: DFTPP Injection Time:

Analysis Batch No.:

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-212606/3	147300.D	12/30/2015	12:29
	IC 240-212606/4	147301.D	12/30/2015	12:50
	IC 240-212606/5	147302.D	12/30/2015	13:12
	ICIS 240-212606/6	147303.D	12/30/2015	13:33
	IC 240-212606/7	147304.D	12/30/2015	13:55
	IC 240-212606/8	147305.D	12/30/2015	14:16
	IC 240-212606/9	147306.D	12/30/2015	14:38
	IC 240-212606/10	147307.D	12/30/2015	14:59
	IC 240-212606/11	147308.D	12/30/2015	15:21
	IC 240-212606/12	147309.D	12/30/2015	15:42
	IC 240-212606/13	147310.D	12/30/2015	16:04
	IC 240-212606/14	147311.D	12/30/2015	16:25
	IC 240-212606/15	147312.D	12/30/2015	16:47
	IC 240-212606/16	147313.D	12/30/2015	17:08
	IC 240-212606/17	147314.D	12/30/2015	17:30
	IC 240-212606/18	147315.D	12/30/2015	17:51
	IC 240-212606/19	147316.D	12/30/2015	18:13
	IC 240-212606/20	147317.D	12/30/2015	18:34
	ICV 240-212606/21	147318.D	12/30/2015	18:56
	ICV 240-212606/22	147319.D	12/30/2015	19:17
	LCS 240-212606/23	147320.D	12/30/2015	19:39
	MB 240-212606/24	147321.D	12/30/2015	20:00
	LCS 240-212606/25	147322.D	12/30/2015	20:22
F-VB-UST-P-7	240-59482-2	147326.D	12/30/2015	21:48
F-VB-UST-P-7 MS	240-59482-2 MS	147327.D	12/30/2015	22:09
F-VB-UST-P-7 MSD	240-59482-2 MSD	147328.D	12/30/2015	22:31
F-VB-UST-P-8	240-59482-3	147330.D	12/30/2015	23:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: BFB496.D BFB Injection Date: 12/14/2015

Instrument ID: A3UX15 BFB Injection Time: 12:30

Analysis Batch No.: 210738

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.4	(0.6) 1
174	50.0 - 120.00 % of mass 95	81.1	
175	5.0 - 9.0 % of mass 174	5.4	(6.7) 1
176	95.0 - 101.0 % of mass 174	78.6	(96.9) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-210738/2	UXC5222A.D	12/14/2015	13:08
	STD8260 240-210738/3	UXC5223.D	12/14/2015	13:31
	STD8260 240-210738/4	UXC5224.D	12/14/2015	13:54
	STD8260 240-210738/5	UXC5225.D	12/14/2015	14:16
	STD8260 240-210738/6	UXC5226.D	12/14/2015	14:39
	STD8260 240-210738/7	UXC5227.D	12/14/2015	15:01
	ICV 240-210738/14	UXC5228.D	12/14/2015	15:24
	STD 240-210738/8	UXC5229.D	12/14/2015	15:47
	STD 240-210738/9	UXC5230.D	12/14/2015	16:09
	STD 240-210738/10	UXC5231.D	12/14/2015	16:32
	STD 240-210738/11	UXC5232.D	12/14/2015	16:55
	STD 240-210738/12	UXC5233.D	12/14/2015	17:17
	STD 240-210738/13	UXC5234.D	12/14/2015	17:40
	ICV 240-210738/15	UXC5235.D	12/14/2015	18:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: BFB505.D BFB Injection Date: 01/04/2016

Instrument ID: A3UX15 BFB Injection Time: 09:30

Analysis Batch No.: 212893

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	50.0 - 120.00 % of mass 95	77.1	
175	5.0 - 9.0 % of mass 174	5.2	(6.7) 1
176	95.0 - 101.0 % of mass 174	73.6	(95.4) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-212893/2	UXC5592.D	01/04/2016	09:55
	LCS 240-212893/5	UXC5593.D	01/04/2016	10:18
	CCV 240-212893/3	UXC5594.D	01/04/2016	10:41
	MB 240-212893/8	UXC5596.D	01/04/2016	11:26
TB-122815	240-59482-1	UXC5597.D	01/04/2016	12:07
	240-59545-B-2 MS	UXC5610.D	01/04/2016	17:00
	240-59545-B-2 MSD	UXC5611.D	01/04/2016	17:23

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: ICIS 240-212606/6 Date Analyzed: 12/30/2015 13:33

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 147303.D Heated Purge: (Y/N) Y

Calibration ID: 32237

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1280920	6.64	787274	9.36	374460	11.34
UPPER LIMIT		2561840	7.14	1574548	9.86	748920	11.84
LOWER LIMIT		640460	6.14	393637	8.86	187230	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-212606/21		1152357	6.64	718027	9.36	346347	11.34
ICV 240-212606/22		1170616	6.64	666787	9.36	354139	11.34
LCS 240-212606/23		1187069	6.64	689945	9.36	347278	11.34
MB 240-212606/24		1153788	6.64	711695	9.36	363540	11.34
LCS 240-212606/25		1186477	6.64	716186	9.36	360250	11.34
240-59482-2	F-VB-UST-P-7	1080515	6.64	664224	9.36	345118	11.34
240-59482-2 MS	F-VB-UST-P-7 MS	1170351	6.64	730231	9.36	366151	11.34
240-59482-2 MSD	F-VB-UST-P-7 MSD	1015563	6.64	632992	9.36	315004	11.34
240-59482-3	F-VB-UST-P-8	1057314	6.64	632789	9.36	325058	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: STD8260 240-210738/4 Date Analyzed: 12/14/2015 13:54

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC5224.D Heated Purge: (Y/N) N

Calibration ID: 32097

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1817560	4.97	1323725	7.64	680775	9.85
UPPER LIMIT		3635120	5.47	2647450	8.14	1361550	10.35
LOWER LIMIT		908780	4.47	661863	7.14	340388	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-210738/14		1720163	4.98	1275243	7.64	670998	9.85
ICV 240-210738/15		1705447	4.97	1245348	7.64	646436	9.85
CCVIS 240-212893/2		1754912	4.98	1366553	7.64	728534	9.85

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCVIS 240-212893/2 Date Analyzed: 01/04/2016 09:55

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC5592.D Heated Purge: (Y/N) N

Calibration ID: 32101

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1754912	4.98	1366553	7.64	728534	9.85
UPPER LIMIT		3509824	5.48	2733106	8.14	1457068	10.35
LOWER LIMIT		877456	4.48	683277	7.14	364267	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-212893/5		1698190	4.97	1325194	7.64	719950	9.85
CCV 240-212893/3		1694967	4.97	1320936	7.64	698544	9.85
MB 240-212893/8		1703116	4.98	1282963	7.64	684171	9.85
240-59482-1	TB-122815	1675391	4.97	1275724	7.64	666155	9.85
240-59545-B-2 MS		1682893	4.97	1290316	7.64	702033	9.85
240-59545-B-2 MSD		1618113	4.98	1294288	7.64	708761	9.85

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: TB-122815 | Lab Sample ID: 240-59482-1

Matrix: Water | Lab File ID: UXC5597.D

Analysis Method: 8260C | Date Collected: 12/28/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 12:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	1.5	J B	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	1.8	J	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: TB-122815 | Lab Sample ID: 240-59482-1

Matrix: Water | Lab File ID: UXC5597.D

Analysis Method: 8260C | Date Collected: 12/28/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 12:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.1	J	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: TB-122815 | Lab Sample ID: 240-59482-1

Matrix: Water | Lab File ID: UXC5597.D

Analysis Method: 8260C | Date Collected: 12/28/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 12:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	93		79-120
460-00-4	4-Bromofluorobenzene (Surr)	112		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 147326.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.26(g) | Date Analyzed: 12/30/2015 21:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.86	J	5.8	0.54
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	1.9	J	5.8	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.54	U	5.8	0.54
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U F2	5.8	0.80
142-28-9	1,3-Dichloropropane	0.47	U	5.8	0.47
106-46-7	1,4-Dichlorobenzene	0.33	U F2	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.8	J	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.75	U	58	0.75
95-49-8	2-Chlorotoluene	0.35	U F2	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U F2	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U F2	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	36		23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 147326.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.26(g) | Date Analyzed: 12/30/2015 21:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.7	U	230	6.7
100-41-4	Ethylbenzene	0.66	J	5.8	0.37
87-68-3	Hexachlorobutadiene	0.47	U F2	5.8	0.47
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.24	J F2	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	2.9	J	12	0.49
91-20-3	Naphthalene	0.61	J B	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U F2	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U F2	5.8	0.70
95-47-6	o-Xylene	1.2	J	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U F2	5.8	1.1
100-42-5	Styrene	0.47	U	5.8	0.47
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	1.6	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U F1	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	4.1	J	12	0.63
98-06-6	tert-Butylbenzene	0.78	U F2	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 147326.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.26(g) | Date Analyzed: 12/30/2015 21:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	93		37-132
460-00-4	4-Bromofluorobenzene (Surr)	88		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 147330.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:30

Sample wt/vol: 5.43(g) | Date Analyzed: 12/30/2015 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.88	U	5.5	0.88
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	1.9	J	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.57	J	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	9.4	J	22	6.3
71-43-2	Benzene	0.99	U	5.5	0.99
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 147330.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:30

Sample wt/vol: 5.43(g) | Date Analyzed: 12/30/2015 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.40	U	5.5	0.40
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.78	U	5.5	0.78
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	2.0	J	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.88	J B	5.5	0.38
104-51-8	n-Butylbenzene	0.83	J	5.5	0.65
103-65-1	N-Propylbenzene	1.9	J	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.88	U	5.5	0.88
108-88-3	Toluene	0.30	U	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 147330.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:30

Sample wt/vol: 5.43(g) | Date Analyzed: 12/30/2015 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		58-123

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-212606/11	147308.D
Level 2	IC 240-212606/10	147307.D
Level 3	IC 240-212606/9	147306.D
Level 4	IC 240-212606/8	147305.D
Level 5	IC 240-212606/7	147304.D
Level 6	ICIS 240-212606/6	147303.D
Level 7	IC 240-212606/5	147302.D
Level 8	IC 240-212606/4	147301.D
Level 9	IC 240-212606/3	147300.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2522 0.3274	0.2622 0.3199	0.3084 0.3210	0.3205 0.3150	0.3246	Ave		0.3057			0.1000	9.2		15.0			
Chloromethane	0.4885 0.4863	0.4230 0.4845	0.4548 0.4778	0.4731 0.4486	0.4779	Ave		0.4683			0.1000	4.7		15.0			
Vinyl chloride	0.3094 0.3186	0.2798 0.3247	0.3148 0.3169	0.3087 0.3085	0.3161	Ave		0.3108			0.1000	4.1		15.0			
Butadiene	0.2974 0.3870	0.2971 0.3883	0.3583 0.3847	0.3906 0.3754	0.3828	Ave		0.3624				10.5		15.0			
Bromomethane	0.1596 0.1219	0.1439 +++++	0.1309 +++++	0.1378 +++++	0.1335	Ave		0.1379			0.0500	9.3		15.0			
Chloroethane	0.2086 0.1635	0.1442 0.1527	0.1684 +++++	0.1696 +++++	0.1655	Ave		0.1675				12.1		15.0			
Dichlorofluoromethane	0.3729 0.3474	0.3173 0.3305	0.3192 0.3405	0.3612 0.3272	0.3278	Ave		0.3382				5.6		15.0			
Trichlorofluoromethane	0.3359 0.3669	0.2822 0.3627	0.3215 0.3573	0.3554 0.3540	0.3615	Ave		0.3441			0.1000	7.9		15.0			
Ethyl ether	+++++ 0.2212	+++++ 0.2173	0.2327 0.2086	0.2173 0.2046	0.2312	Ave		0.2190				4.8		15.0			
Acrolein	0.0472 0.0341	0.0373 0.0351	0.0552 0.0318	0.0358 0.0321	0.0373	Lin1	0.1371	0.0327							0.9960		0.9900
1,1-Dichloroethene	0.1970 0.2523	0.2302 0.2649	0.2739 0.2499	0.2592 0.2386	0.2682	Ave		0.2482			0.1000	9.6		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1681 0.2162	0.1916 0.2198	0.2273 0.2105	0.2084 0.2052	0.2286	Ave		0.2084			0.0500	9.1		15.0			
Acetone	+++++ 0.0865	+++++ 0.0863	0.1402 0.0797	0.1072 0.0753	0.1044	Qua	0.3866	0.0903	-0.000031		0.0500				1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.3774 0.3813	0.3660 0.3711	0.3712 0.3586	0.3800 0.3501	0.3745	Ave		0.3700				2.8		15.0			
Carbon disulfide	+++++ 0.7777	+++++ 0.8035	0.6571 0.7823	0.6831 0.7752	0.7150	Ave		0.7420			0.1000	7.6		15.0			
3-Chloro-1-propene	0.1133 0.1595	0.1186 0.1637	0.1545 0.1568	0.1443 0.1569	0.1528	Ave		0.1467				12.4		15.0			
Methyl acetate	0.1968 0.1883	0.1858 0.1889	0.1900 0.1754	0.1789 0.1736	0.1960	Ave		0.1860			0.1000	4.5		15.0			
Methylene Chloride	+++++ 0.2820	+++++ 0.2745	0.4401 0.2582	0.3446 0.2521	0.3138	Qua	0.7353	0.2768	-0.000111		0.1000				1.0000		0.9900
tert-Butyl alcohol (TBA)	0.0268 0.0244	0.0261 0.0252	0.0256 0.0227	0.0232 0.0228	0.0259	Ave		0.0247				6.3		15.0			
trans-1,2-Dichloroethene	0.2875 0.3010	0.2780 0.3011	0.3055 0.2874	0.2940 0.2838	0.3088	Ave		0.2941			0.1000	3.6		15.0			
Methyl tert-butyl ether	0.5907 0.6560	0.6124 0.6597	0.6455 0.6222	0.6055 0.6055	0.6553	Ave		0.6281			0.1000	4.2		15.0			
Acrylonitrile	0.1054 0.1049	0.1101 0.1046	0.1096 0.0948	0.1021 0.0930	0.1093	Ave		0.1038				6.0		15.0			
Hexane	0.0913 0.0804	0.0651 0.0819	0.0896 0.0802	0.0799 0.0801	0.0814	Ave		0.0811				9.1		15.0			
1,1-Dichloroethane	0.6065 0.6523	0.6496 0.6635	0.6625 0.6431	0.6244 0.6384	0.6558	Ave		0.6440			0.1000	2.9		15.0			
Vinyl acetate	0.0232 0.0341	0.0338 0.0370	0.0305 0.0354	0.0309 0.0364	0.0369	Ave		0.0331				13.4		15.0			
2,2-Dichloropropane	0.2668 0.3106	0.2490 0.3006	0.2757 0.3155	0.2904 0.2872	0.2925	Ave		0.2876				7.3		15.0			
cis-1,2-Dichloroethene	0.2639 0.3116	0.2890 0.3131	0.3133 0.3013	0.3126 0.2969	0.3112	Ave		0.3014			0.1000	5.5		15.0			
2-Butanone (MEK)	0.1059 0.1103	0.1280 0.1145	0.1184 0.1087	0.1067 0.1077	0.1164	Ave		0.1130			0.0500	6.4		15.0			
Bromochloromethane	0.1211 0.1200	0.1279 0.1216	0.1177 0.1145	0.1173 0.1129	0.1240	Ave		0.1197				3.9		15.0			
Tetrahydrofuran	0.0861 0.0732	0.0848 0.0753	0.0754 0.0695	0.0706 0.0688	0.0760	Ave		0.0755				8.2		15.0			
Chloroform	0.4929 0.4944	0.5091 0.4997	0.4999 0.4837	0.4844 0.4787	0.5031	Ave		0.4940				2.0		15.0			
1,1,1-Trichloroethane	0.3319 0.4423	0.3651 0.4534	0.4196 0.4375	0.4073 0.4350	0.4304	Ave		0.4136			0.1000	9.7		15.0			
Cyclohexane	0.6137 0.8524	0.6668 0.8401	0.8556 0.8002	0.8295 0.7872	0.8528	Ave		0.7887			0.1000	11.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2475 0.3648	0.2798 0.3753	0.3145 0.3681	0.3238 0.3653	0.3414	Ave		0.3312			0.1000	13.4		15.0			
1,1-Dichloropropene	0.3223 0.3768	0.3284 0.3843	0.3741 0.3669	0.3744 0.3633	0.3884	Ave		0.3643				6.4		15.0			
Benzene	1.0335 1.1238	1.0928 1.1312	1.1624 1.0841	1.1139 1.0648	1.1460	Ave		1.1058			0.5000	3.7		15.0			
Isobutyl alcohol	0.0084 0.0082	0.0085 0.0080	0.0094 0.0071	0.0077 0.0068	0.0087	Ave		0.0081				10.2		15.0			
1,2-Dichloroethane	0.3941 0.4034	0.4149 0.4022	0.4116 0.3836	0.3912 0.3832	0.4179	Ave		0.4002			0.1000	3.3		15.0			
n-Heptane	0.0593 0.0818	0.0561 0.0840	0.0779 0.0812	0.0789 0.0793	0.0809	Ave		0.0755				13.6		15.0			
Trichloroethene	0.2542 0.2825	0.2744 0.2855	0.2813 0.2763	0.2749 0.2710	0.2789	Ave		0.2754			0.2000	3.3		15.0			
Methylcyclohexane	0.3999 0.5630	0.4085 0.5667	0.5434 0.5379	0.5386 0.5259	0.5529	Ave		0.5152			0.1000	12.5		15.0			
1,2-Dichloropropane	0.2950 0.3233	0.2865 0.3257	0.3191 0.3207	0.3147 0.3177	0.3304	Ave		0.3148			0.1000	4.6		15.0			
Dibromomethane	0.1128 0.1268	0.1209 0.1299	0.1238 0.1240	0.1180 0.1234	0.1317	Ave		0.1235				4.7		15.0			
1,4-Dioxane	0.0019 0.0019	0.0020 0.0018	0.0019 0.0017	0.0018 0.0017	0.0020	Ave		0.0019				6.1		15.0			
Bromodichloromethane	0.2163 0.3165	0.2426 0.3316	0.2765 0.3335	0.2644 0.3343	0.2928	Ave		0.2898			0.1000	14.8		15.0			
2-Chloroethyl vinyl ether	0.0737 0.0999	0.0857 0.1065	0.0933 0.1041	0.0870 0.1073	0.0983	Ave		0.0951				11.8		15.0			
cis-1,3-Dichloropropene	+++++ 0.3488	+++++ 0.3715	0.2701 0.3657	0.2919 0.3696	0.3296	Ave		0.3353			0.1500	12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.3332 0.3715	0.3736 0.3858	0.3850 0.3499	0.3768 0.3448	0.3955	Ave		0.3685			0.0500	5.7		15.0			
Toluene	1.7560 1.8529	1.8581 1.9032	1.9298 1.8289	1.9095 1.7918	1.9412	Ave		1.8635			0.4000	3.4		15.0			
trans-1,3-Dichloropropene	+++++ 0.4199	+++++ 0.4568	0.3521 0.4527	0.3887 0.4582	0.4194	Ave		0.4211			0.1000	9.4		15.0			
Ethyl methacrylate	0.3108 0.3407	0.2940 0.3485	0.3045 0.3319	0.3067 0.3320	0.3538	Ave		0.3247				6.6		15.0			
1,1,2-Trichloroethane	0.3322 0.2812	0.2798 0.2877	0.3011 0.2722	0.2945 0.2702	0.2998	Ave		0.2910			0.1000	6.6		15.0			
Tetrachloroethene	0.3106 0.3371	0.3437 0.3518	0.3720 0.3355	0.3559 0.3312	0.3611	Ave		0.3443			0.2000	5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.5096 0.4787	0.4843 0.4908	0.5023 0.4682	0.5029 0.4659	0.5075	Ave		0.4900				3.4		15.0			
2-Hexanone	0.2575 0.2403	0.2721 0.2417	0.2839 0.2214	0.2647 0.2183	0.2710	Ave		0.2523			0.0500	9.2		15.0			
Dibromochloromethane	+++++ 0.2828	+++++ 0.3185	0.2307 0.3152	0.2480 0.3131	0.2713	Ave		0.2828				12.3		15.0			
1,2-Dibromoethane	0.2578 0.2540	0.2468 0.2695	0.2545 0.2540	0.2476 0.2507	0.2699	Ave		0.2561				3.3		15.0			
Chlorobenzene	1.1283 1.0422	1.1149 1.0849	1.1343 1.0176	1.1032 0.9905	1.0770	Ave		1.0770			0.3000	4.7		15.0			
1,1,1,2-Tetrachloroethane	0.2682 0.3744	0.3193 0.3887	0.3422 0.3659	0.3642 0.3571	0.3731	Ave		0.3503				10.5		15.0			
Ethylbenzene	0.5951 0.6062	0.6488 0.6127	0.6416 0.5767	0.6241 0.5640	0.6134	Ave		0.6092				4.6		15.0			
m-Xylene & p-Xylene	0.6293 0.7288	0.7435 0.7569	0.7919 0.7239	0.7625 0.7141	0.7585	Ave		0.7344				6.3		15.0			
o-Xylene	0.6960 0.7398	0.6683 0.7498	0.7733 0.6927	0.7605 0.6753	0.7713	Ave		0.7252				5.8		15.0			
Styrene	0.9671 1.1084	0.9701 1.1520	1.0851 1.0913	1.1030 1.0772	1.1652	Ave		1.0799			0.3000	6.4		15.0			
Bromoform	0.1197 0.1509	0.1386 0.1696	0.1262 0.1737	0.1259 0.1725	0.1435	Ave		0.1467			0.1000	14.4		15.0			
Isopropylbenzene	1.7485 2.0968	1.8947 2.1588	2.1170 2.0393	2.2006 1.9720	2.1982	Ave		2.0473			0.1000	7.4		15.0			
Bromobenzene	0.8099 0.8602	0.7750 0.8893	0.8982 0.8567	0.8290 0.8429	0.8798	Ave		0.8490				4.7		15.0			
1,1,2,2-Tetrachloroethane	0.5506 0.6852	0.6400 0.6934	0.6674 0.6364	0.6224 0.6111	0.7209	Ave		0.6475			0.3000	7.9		15.0			
1,2,3-Trichloropropane	0.1211 0.1914	0.2024 0.2026	0.1913 0.1867	0.1926 0.1835	0.2057	Ave		0.1864				13.7		15.0			
trans-1,4-Dichloro-2-butene	0.2951 0.2807	0.2823 0.2935	0.2571 0.2837	0.2488 0.2858	0.2855	Ave		0.2792				5.6		15.0			
N-Propylbenzene	0.8403 1.0899	0.8401 1.1354	1.0953 1.0951	1.0423 1.0667	1.1339	Ave		1.0377				11.1		15.0			
2-Chlorotoluene	0.7782 0.9360	0.7601 0.9575	0.8929 0.9090	0.9212 0.8801	0.9550	Ave		0.8878				8.1		15.0			
1,3,5-Trimethylbenzene	2.6744 3.6914	2.7570 3.7764	3.3763 3.5538	3.3406 3.4306	3.6689	Ave		3.3633				11.8		15.0			
4-Chlorotoluene	0.8357 0.8953	0.8372 0.8987	0.9633 0.8755	0.8848 0.8685	0.9177	Ave		0.8863				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.2481 3.3321	2.5262 3.3872	3.0760 3.2252	3.0255 3.0788	3.3080	Ave		3.0230				12.8		15.0			
1,2,4-Trimethylbenzene	2.6774 3.6555	2.8117 3.7355	3.3662 3.5681	3.4053 3.4610	3.6683	Ave		3.3721				11.2		15.0			
sec-Butylbenzene	3.2932 4.8364	3.6793 4.9728	4.4339 4.7070	4.5166 4.5183	4.7991	Ave		4.4174				12.8		15.0			
1,3-Dichlorobenzene	1.6141 1.6288	1.6528 1.6255	1.7272 1.5617	1.6459 1.5144	1.6868	Ave		1.6286			0.6000	3.9		15.0			
p-Isopropyltoluene	2.8785 3.9630	3.0070 4.0561	3.8195 3.8320	3.7455 3.6576	3.9925	Ave		3.6613				11.7		15.0			
1,4-Dichlorobenzene	1.7499 1.6007	1.6690 1.6056	1.7016 1.5732	1.6269 1.5403	1.6507	Ave		1.6353			0.5000	4.0		15.0			
n-Butylbenzene	2.8641 3.7743	2.9377 3.8919	3.6561 3.7690	3.5765 3.6431	3.8352	Ave		3.5498				10.7		15.0			
1,2-Dichlorobenzene	1.7323 1.5627	1.6185 1.5512	1.7576 1.4688	1.5951 1.4159	1.6153	Ave		1.5908			0.4000	6.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0965 0.1114	0.0893 0.1227	0.1176 0.1166	0.0839 0.1131	0.1080	Ave		0.1066			0.0500	12.7		15.0			
1,2,4-Trichlorobenzene	1.2595 1.2579	1.2581 1.2747	1.3618 1.2022	1.2261 1.1559	1.3274	Ave		1.2582			0.2000	4.9		15.0			
Hexachlorobutadiene	0.6872 0.8507	0.8024 0.8827	0.8557 0.8148	0.8226 0.7684	0.8606	Ave		0.8161				7.3		15.0			
Naphthalene	2.2789 2.5754	2.3038 2.5880	2.7275 2.4034	2.3883 2.2463	2.6721	Ave		2.4649				7.3		15.0			
1,2,3-Trichlorobenzene	1.2783 1.1998	1.2015 1.1854	1.3244 1.1044	1.1873 1.0128	1.2792	Ave		1.1970				7.9		15.0			
Dibromofluoromethane (Surr)	0.2554 0.2127	0.2475 0.2245	0.2324 0.2169	0.2263 0.2198	0.2391	Ave		0.2305				6.3		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2812	0.3613 0.2947	0.3291 0.2912	0.3036 0.2990	0.3198	Ave		0.3100				8.3		15.0			
Toluene-d8 (Surr)	+++++ 1.4561	1.7268 1.5560	1.6708 1.5304	1.6593 1.5592	1.7011	Ave		1.6075				5.9		15.0			
4-Bromofluorobenzene (Surr)	+++++ 1.0336	+++++ 1.1097	1.2422 1.1311	1.1090 1.1480	1.2017	Ave		1.1393				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-212606/11	147308.D
Level 2	IC 240-212606/10	147307.D
Level 3	IC 240-212606/9	147306.D
Level 4	IC 240-212606/8	147305.D
Level 5	IC 240-212606/7	147304.D
Level 6	ICIS 240-212606/6	147303.D
Level 7	IC 240-212606/5	147302.D
Level 8	IC 240-212606/4	147301.D
Level 9	IC 240-212606/3	147300.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	5871 419333	12661 826752	38481 1638337	79778 1967734	159816	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	11373 622955	20429 1252342	56747 2438111	117767 2802393	235327	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	7204 408074	13514 839111	39274 1617382	76856 1927305	155644	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Butadiene	FB	Ave	6923 495753	14346 1003660	44709 1963149	97227 2345207	188492	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Ave	3716 156173	6947 +++++	16327 +++++	34300 +++++	65725	1.00 50.0	2.00 +++++	5.00 +++++	10.0 +++++	20.0
Chloroethane	FB	Ave	4856 209466	6965 394781	21010 +++++	42227 +++++	81510	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
Dichlorofluoromethane	FB	Ave	8681 444994	15322 854115	39828 1737417	89907 2044076	161421	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	7820 469944	13626 937500	40109 1823298	88470 2211446	177978	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl ether	FB	Ave	+++++ 283284	+++++ 561509	29032 1064646	54103 1278520	113841	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acrolein	FB	Lin1	5499 218567	9009 452990	34458 810395	44584 1004148	91896	5.00 250	10.0 500	25.0 1000	50.0 1250	100
1,1-Dichloroethene	FB	Ave	4586 323142	11115 684544	34169 1275244	64535 1490519	132072	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	3913 276872	9251 568070	28361 1074115	51871 1281941	112563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Qua	+++++ 221530	+++++ 446091	34991 813218	53362 941400	102774	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	8786 488418	17673 959263	46310 1829838	94594 2186981	184371	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbon disulfide	FB	Ave	+++++ 996181	+++++ 2076690	81978 3992337	170054 4842941	352045	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
3-Chloro-1-propene	FB	Ave	2638 204278	5728 423070	19271 800139	35913 979966	75255	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl acetate	FB	Ave	22906 1206297	44853 2441019	118518 4476273	222650 5422320	482624	5.00 250	10.0 500	25.0 1000	50.0 1250	100
Methylene Chloride	FB	Qua	+++++ 361235	+++++ 709387	54903 1317748	85786 1574955	154528	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
tert-Butyl alcohol (TBA)	FB	Ave	6246 312962	12610 652025	31980 1156473	57745 1423418	127348	10.0 500	20.0 1000	50.0 2000	100 2500	200
trans-1,2-Dichloroethene	FB	Ave	6694 385522	13425 778312	38117 1466571	73178 1772943	152040	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	13753 840271	29573 1705065	80533 3175146	150726 3782570	322668	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrylonitrile	FB	Ave	24531 1343873	53178 2704516	136763 4840214	254223 5807759	537940	10.0 500	20.0 1000	50.0 2000	100 2500	200
Hexane	FB	Ave	2125 102982	3142 211731	11185 409313	19878 500287	40067	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	14120 835497	31368 1714925	82654 3281739	155431 3988543	322893	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Ave	540 43742	1633 95718	3804 180417	7684 227375	18152	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2,2-Dichloropropane	FB	Ave	6212 397873	12025 777050	34402 1609897	72287 1794262	144041	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	6143 399172	13958 809127	39088 1537416	77811 1854690	153236	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Ave	4932 282507	12367 592067	29540 1109488	53122 1345636	114610	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	2819 153736	6177 314240	14681 584364	29199 705188	61039	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Ave	4010 187593	8188 389332	18808 709841	35143 859859	74810	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Chloroform	FB	Ave	11476 633312	24584 1291586	62366 2468431	120584 2990336	247732	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	7728 566525	17632 1171935	52352 2232718	101392 2717739	211942	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	14287 1091809	32199 2171202	106745 4083646	206503 4918071	419919	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Ave	5762 467218	13511 969904	39240 1878751	80601 2282250	168076	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	7503 482629	15860 993188	46673 1872225	93194 2269592	191238	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzene	FB	Ave	24060 1439453	52774 2923674	145026 5532307	277304 6652146	564247	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isobutyl alcohol	FB	Ave	4904 263907	10301 518655	29415 906552	47705 1059248	107668	25.0 1250	50.0 2500	125 5000	250 6250	500
1,2-Dichloroethane	FB	Ave	9175 516699	20035 1039532	51349 1957435	97389 2394295	205784	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Heptane	FB	Ave	1380 104720	2709 217129	9718 414474	19639 495570	39816	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	5917 361820	13249 737799	35092 1409933	68425 1692775	137337	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methylcyclohexane	FB	Ave	9310 721138	19728 1464792	67792 2744795	134079 3285514	272228	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	6867 414151	13834 841807	39813 1636687	78347 1984906	162657	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	2626 162359	5840 335689	15440 632675	29368 771219	64857	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	887 48044	1957 94875	4664 176535	8933 215441	20175	20.0 1000	40.0 2000	100 4000	200 5000	400
Bromodichloromethane	FB	Ave	5035 405424	11715 857006	34493 1701789	65817 2088773	144174	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Ave	3433 256022	8273 550543	23278 1062923	43328 1340964	96811	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 446732	+++++ 960279	33701 1866444	72658 2309301	162293	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	8896 584970	20976 1198696	55579 2174185	107347 2647060	229049	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	23439 1458768	52162 2956356	139303 5682435	272022 6877637	562045	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 330594	+++++ 709556	25419 1406473	55379 1758690	121435	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Ave	4149 268222	8252 541319	21977 1031104	43685 1274320	102425	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	4434 221353	7855 446892	21734 845653	41957 1037101	86815	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	4146 265409	9650 546491	26856 1042254	50698 1271281	104563	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	6802 376892	13597 762406	36259 1454663	71647 1788276	146941	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	6873 378399	15278 750989	40986 1375916	75413 1675849	156916	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Ave	+++++ 222618	+++++ 494736	16654 979386	35323 1201593	78552	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromoethane	CBZ	Ave	3441 199936	6929 418627	18368 789296	35270 962215	78139	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	15061 820507	31298 1685148	81879 3161618	157153 3801868	311842	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3580 294759	8963 603739	24702 1136904	51880 1370710	108027	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	7943 477219	18214 951746	46312 1791696	88903 2164935	177597	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	8400 573737	20873 1175688	57167 2249090	108629 2741018	219601	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
o-Xylene	CBZ	Ave	9290 582431	18762 1164691	55819 2152239	108337 2591902	223316	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	12909 872604	27233 1789449	78330 3390778	157132 4134767	337371	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Ave	1598 118785	3892 263387	9107 539628	17930 662011	41561	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBZ	Ave	23339 1650732	53189 3353369	152820 6336102	313488 7569173	636450	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	5777 322109	12037 654908	33615 1238302	63294 1519489	128751	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3927 256576	9940 510672	24976 919809	47520 1101627	105495	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	864 71686	3144 149211	7158 269890	14703 330871	30098	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2105 105103	4384 216157	9621 410063	18997 515186	41779	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	5994 408139	13049 836161	40993 1582897	79579 1923014	165943	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	5551 350484	11806 705190	33416 1313804	70336 1586630	139760	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	19076 1382278	42822 2781225	126357 5136692	255059 6184624	536911	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	5961 335245	13003 661900	36050 1265427	67552 1565650	134298	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	16035 1247755	39237 2494554	115120 4661764	231001 5550377	484092	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	19097 1368854	43671 2751107	125980 5157358	259998 6239391	536824	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	23490 1811021	57147 3662298	165940 6803540	344844 8145446	702303	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	11513 609919	25671 1197171	64639 2257263	125668 2730042	246844	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 12:29 Calibration End Date: 12/30/2015 15:21 Calibration ID: 32237

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
p-Isopropyltoluene	DCB	Ave	20532 1483977	46705 2987227	142946 5538742	285971 6593837	584270	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	12482 599393	25922 1182499	63682 2273928	124212 2776758	241560	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	20429 1413342	45628 2866292	136830 5447690	273066 6567734	561253	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	12356 585151	25139 1142395	65779 2122980	121785 2552468	236378	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	688 41703	1387 90331	4403 168526	6403 203958	15806	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	8984 471040	19541 938771	50966 1737656	93617 2083801	194259	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	4902 318558	12463 650106	32023 1177742	62807 1385206	125945	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	16255 964386	35782 1905999	102076 3473895	182350 4049536	391041	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	9118 449280	18661 873029	49567 1596336	90651 1825837	187196	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Ave	5947 272413	11951 580216	28996 1106784	56336 1373048	117734	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 360241	17448 761644	41065 1486058	75587 1867667	157455	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 1146345	48475 2416949	120605 4755110	236385 5984676	492531	+++++ 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Ave	+++++ 387052	+++++ 817275	46489 1634906	84672 2069550	175852	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 15:42 Calibration End Date: 12/30/2015 18:34 Calibration ID: 32239

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-212606/20	147317.D
Level 2	IC 240-212606/19	147316.D
Level 3	IC 240-212606/18	147315.D
Level 4	IC 240-212606/17	147314.D
Level 5	IC 240-212606/16	147313.D
Level 6	IC 240-212606/15	147312.D
Level 7	IC 240-212606/14	147311.D
Level 8	IC 240-212606/13	147310.D
Level 9	IC 240-212606/12	147309.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0354 0.0296	0.0354 0.0329	0.0304 0.0298	0.0312 0.0320	0.0308	Ave		0.0319				6.9		15.0			
2-Chloro-1,3-butadiene	0.5267 0.7036	0.5241 0.7474	0.6123 0.7356	0.6721 0.7515	0.6963	Ave		0.6633				13.4		15.0			
Diisopropyl ether	0.1886 0.2334	0.2163 0.2442	0.2171 0.2316	0.2141 0.2371	0.2274	Ave		0.2233				7.4		15.0			
Ethyl t-butyl ether	0.8514 1.0598	0.9172 1.1400	0.9049 1.0975	0.9690 1.1357	1.0429	Ave		1.0131				10.5		15.0			
Ethyl acetate	0.2100 0.2184	0.1888 0.2218	0.1959 0.2021	0.2065 0.2188	0.2169	Ave		0.2088				5.5		15.0			
Propionitrile	0.0383 0.0379	0.0401 0.0401	0.0366 0.0363	0.0383 0.0388	0.0396	Ave		0.0384				3.6		15.0			
Methacrylonitrile	0.1296 0.1478	0.1453 0.1493	0.1390 0.1328	0.1503 0.1384	0.1516	Ave		0.1427				5.6		15.0			
Tert-amyl methyl ether	0.5156 0.6672	0.5498 0.7269	0.5868 0.6865	0.6257 0.7186	0.6723	Ave		0.6388				11.7		15.0			
n-Butanol	0.0103 0.0119	0.0115 0.0140	0.0091 0.0126	0.0111 0.0142	0.0114	Ave		0.0118				13.9		15.0			
Ethyl acrylate	0.2546 0.3181	0.2502 0.3110	0.2735 0.2870	0.2734 0.3103	0.2902	Ave		0.2854				8.6		15.0			
Methyl methacrylate	0.1662 0.2064	0.1707 0.2026	0.1698 0.1828	0.1816 0.1978	0.1961	Ave		0.1860				8.2		15.0			
2-Nitropropane	0.0416 0.0370	0.0343 0.0425	0.0325 0.0415	0.0337 0.0469	0.0317	Ave		0.0380				14.1		15.0			
n-Butyl acetate	0.7901 0.6095	0.7350 0.6036	0.5430 0.5286	0.6001 0.6008	0.5924	Ave		0.6226				13.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 15:42 Calibration End Date: 12/30/2015 18:34 Calibration ID: 32239

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Chlorohexane	0.4939 0.5358	0.4219 0.5405	0.4649 0.5445	0.4910 0.5595	0.5060	Ave		0.5064				8.7		15.0			
Cyclohexanone	0.0108 0.0147	0.0127 0.0163	0.0140 0.0149	0.0139 0.0163	0.0140	Ave		0.0142				12.1		15.0			
1,2,3-Trimethylbenzene	2.6245 3.4683	2.8454 3.6539	2.9931 3.6054	3.2488 3.6720	3.3975	Ave		3.2788				11.6		15.0			
1,3,5-Trichlorobenzene	1.2285 1.2807	1.2778 1.3331	1.2687 1.3033	1.2897 1.3303	1.2961	Ave		1.2898				2.5		15.0			
2-Methylnaphthalene	1.3391 1.5219	1.2902 1.6776	1.2653 1.5531	1.3414 1.5514	1.6128	Ave		1.4614				10.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 15:42 Calibration End Date: 12/30/2015 18:34 Calibration ID: 32239

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-212606/20	147317.D
Level 2	IC 240-212606/19	147316.D
Level 3	IC 240-212606/18	147315.D
Level 4	IC 240-212606/17	147314.D
Level 5	IC 240-212606/16	147313.D
Level 6	IC 240-212606/15	147312.D
Level 7	IC 240-212606/14	147311.D
Level 8	IC 240-212606/13	147310.D
Level 9	IC 240-212606/12	147309.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetonitrile	FB	Ave	8050 381248	16691 836473	35915 1479810	75285 1973898	148856	10.0 500	20.0 1000	50.0 2000	100 2500	200
2-Chloro-1,3-butadiene	FB	Ave	11982 906998	24713 1898639	72396 3648912	162396 4629161	336600	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Diisopropyl ether	FB	Ave	4290 300842	10201 620244	25668 1148932	51735 1460404	109917	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl t-butyl ether	FB	Ave	19370 1366076	43245 2895796	106999 5444211	234143 6995373	504138	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl acetate	FB	Ave	9555 562963	17808 1126679	46337 2004852	99804 2695800	209664	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Propionitrile	FB	Ave	8705 488992	18897 1017464	43264 1799603	92502 2392179	191650	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methacrylonitrile	FB	Ave	29482 1904850	68497 3791818	164358 6587252	363218 8522886	732861	10.0 500	20.0 1000	50.0 2000	100 2500	200
Tert-amyl methyl ether	FB	Ave	11729 860017	25922 1846587	69383 3405251	151185 4426300	325028	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butanol	CBZ	Ave	3470 227089	7855 507914	16280 901699	40119 1215606	83382	25.0 1250	50.0 2500	125 5000	250 6250	500
Ethyl acrylate	FB	Ave	5793 410014	11799 789971	32341 1423710	66058 1911099	140269	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl methacrylate	FB	Ave	7562 532024	16100 1029437	40143 1813161	87763 2437020	189638	2.00 100	4.00 200	10.0 400	20.0 500	40.0
2-Nitropropane	FB	Ave	1895 95300	3236 215937	7678 411528	16302 577353	30610	2.00 100	4.00 200	10.0 400	20.0 500	40.0
n-Butyl acetate	CBZ	Ave	10622 466530	20065 875681	38997 1509978	86776 2063646	172665	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1-Chlorohexane	CBZ	Ave	6640 410111	11518 784090	33390 1555327	71000 1921563	147466	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 212606

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/30/2015 15:42 Calibration End Date: 12/30/2015 18:34 Calibration ID: 32239

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Cyclohexanone	CBZ	Ave	1452 112471	3470 236900	10056 425608	20164 560080	40836	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,2,3-Trimethylbenzene	DCB	Ave	18478 1388605	42188 2771667	109005 5188835	243094 6572001	504802	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trichlorobenzene	DCB	Ave	8649 512752	18946 1011248	46203 1875695	96502 2380864	192581	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methylnaphthalene	DCB	Ave	18856 1218632	38259 2545141	92161 4470426	200735 5553255	479256	2.00 100	4.00 200	10.0 400	20.0 500	40.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-210738/7	UXC5227.D
Level 2	STD8260 240-210738/6	UXC5226.D
Level 3	STD8260 240-210738/5	UXC5225.D
Level 4	STD8260 240-210738/4	UXC5224.D
Level 5	STD8260 240-210738/3	UXC5223.D
Level 6	STD8260 240-210738/2	UXC5222A.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4163 0.4078	0.4068	0.4254	0.3707	0.4170	Ave		0.4073			0.1000	4.7		15.0			
Chloromethane	0.5219 0.4236	0.4968	0.4810	0.4520	0.4482	Ave		0.4706			0.1000	7.7		15.0			
Vinyl chloride	0.4238 0.3959	0.4254	0.4328	0.3816	0.4118	Ave		0.4119			0.1000	4.8		15.0			
Butadiene	0.4000 0.3729	0.4010	0.4057	0.3545	0.3886	Ave		0.3871				5.1		15.0			
Bromomethane	0.1520 0.1276	0.1359	0.1632	0.1052	0.1508	Ave		0.1391			0.0500	15.0		15.0			
Chloroethane	0.2483 0.1975	0.2298	0.2410	0.2016	0.2161	Ave		0.2224				9.4		15.0			
Dichlorofluoromethane	0.5356 0.4476	0.4781	0.5225	0.4286	0.4896	Ave		0.4837				8.6		15.0			
Trichlorofluoromethane	0.3464 0.3452	0.3375	0.3656	0.3031	0.3607	Ave		0.3431			0.1000	6.5		15.0			
Ethyl ether	0.3294 0.2319	0.2659	0.2650	0.2616	0.2453	Ave		0.2665				12.6		15.0			
Acrolein	0.0386 0.0382	0.0359	0.0401	0.0381	0.0375	Ave		0.0381				3.6		15.0			
1,1-Dichloroethene	0.3301 0.3233	0.3228	0.3278	0.3221	0.3357	Ave		0.3270			0.1000	1.6		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2278 0.2524	0.2308	0.2386	0.2457	0.2660	Ave		0.2436			0.0500	5.9		15.0			
Acetone	0.1398 0.0712	0.1008	0.0883	0.0756	0.0699	Lin1	0.1424	0.0687			0.0500				0.9990		0.9900
Iodomethane	0.5722 0.5292	0.5382	0.5474	0.5241	0.5408	Ave		0.5420				3.1		15.0			
Carbon disulfide	0.9853 1.1135	0.9961	1.0372	1.0389	1.1172	Ave		1.0481			0.1000	5.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.2048 0.2099	0.1925	0.2008	0.2062	0.2137	Ave		0.2047				3.6		15.0			
Methyl acetate	0.1922 0.1745	0.1844	0.1804	0.1688	0.1756	Ave		0.1793			0.1000	4.6		15.0			
Methylene Chloride	1.0108 0.3579	0.6706	0.5050	0.4172	0.3858	Lin1	0.6767	0.3464			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0168 0.0146	0.0161	0.0157	0.0153	0.0160	Ave		0.0157				4.8		15.0			
Methyl tert-butyl ether	0.8328 0.7862	0.7722	0.7967	0.7656	0.7965	Ave		0.7917			0.1000	3.0		15.0			
trans-1,2-Dichloroethene	0.3711 0.3427	0.3572	0.3596	0.3445	0.3576	Ave		0.3554			0.1000	3.0		15.0			
Acrylonitrile	0.1004 0.0960	0.0954	0.0969	0.0926	0.0965	Ave		0.0963				2.6		15.0			
Hexane	0.0824 0.0848	0.0812	0.0855	0.0874	0.0912	Ave		0.0854				4.2		15.0			
1,1-Dichloroethane	0.6827 0.6354	0.6415	0.6713	0.6324	0.6534	Ave		0.6528			0.1000	3.1		15.0			
Vinyl acetate	0.4795 0.5103	0.4527	0.4862	0.4761	0.5072	Ave		0.4853				4.4		15.0			
2,2-Dichloropropane	0.3501 0.3522	0.3590	0.3702	0.3635	0.3799	Ave		0.3625				3.1		15.0			
cis-1,2-Dichloroethene	0.4002 0.3630	0.3771	0.3891	0.3682	0.3757	Ave		0.3789			0.1000	3.6		15.0			
2-Butanone (MEK)	0.1134 0.0994	0.0969	0.1037	0.0961	0.0986	Ave		0.1014			0.0500	6.4		15.0			
Bromochloromethane	0.1664 0.1630	0.1684	0.1677	0.1636	0.1661	Ave		0.1659				1.3		15.0			
Tetrahydrofuran	0.0948 0.0647	0.0813	0.0718	0.0642	0.0659	Lin1	0.0642	0.0638							1.0000		0.9900
Chloroform	0.6293 0.5814	0.5856	0.6053	0.5774	0.5921	Ave		0.5952				3.3		15.0			
1,1,1-Trichloroethane	0.3918 0.4355	0.4209	0.4396	0.4299	0.4627	Ave		0.4301			0.1000	5.4		15.0			
Cyclohexane	0.6081 0.6300	0.5759	0.6142	0.6274	0.6608	Ave		0.6194			0.1000	4.5		15.0			
1,1-Dichloropropene	0.4685 0.4667	0.4621	0.4795	0.4631	0.4854	Ave		0.4709				2.0		15.0			
Carbon tetrachloride	0.3249 0.3889	0.3230	0.3466	0.3580	0.3938	Ave		0.3559			0.1000	8.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	0.0067 0.0059	0.0066	0.0062	0.0058	0.0062	Ave		0.0062				6.1		15.0			
Benzene	1.6483 1.5004	1.5097	1.5340	1.4513	1.5265	Ave		1.5284			0.5000	4.3		15.0			
1,2-Dichloroethane	0.4708 0.4260	0.4438	0.4544	0.4273	0.4396	Ave		0.4436			0.1000	3.8		15.0			
n-Heptane	0.0878 0.0787	0.0700	0.0747	0.0799	0.0852	Ave		0.0794				8.3		15.0			
Trichloroethene	0.3714 0.3510	0.3554	0.3681	0.3500	0.3641	Ave		0.3600			0.2000	2.5		15.0			
Methylcyclohexane	0.4769 0.5320	0.4925	0.5140	0.5315	0.5690	Ave		0.5193			0.1000	6.3		15.0			
1,2-Dichloropropane	0.3557 0.3473	0.3538	0.3550	0.3439	0.3510	Ave		0.3511			0.1000	1.3		15.0			
Dibromomethane	0.1801 0.1690	0.1649	0.1700	0.1625	0.1737	Ave		0.1700				3.7		15.0			
1,4-Dioxane	0.0027 0.0024	0.0025	0.0025	0.0025	0.0027	Ave		0.0025				5.1		15.0			
Bromodichloromethane	0.3349 0.3950	0.3187	0.3573	0.3614	0.3916	Ave		0.3598			0.1000	8.4		15.0			
2-Chloroethyl vinyl ether	0.1671 0.1770	0.1626	0.1732	0.1705	0.1793	Ave		0.1716				3.6		15.0			
cis-1,3-Dichloropropene	0.4034 0.5079	0.4174	0.4549	0.4596	0.5021	Ave		0.4575			0.1500	9.3		15.0			
4-Methyl-2-pentanone (MIBK)	0.2102 0.2060	0.1884	0.1953	0.1939	0.2029	Ave		0.1994			0.0500	4.1		15.0			
Toluene	2.0926 2.0094	2.0297	2.0385	1.9542	2.0306	Ave		2.0258			0.4000	2.2		15.0			
trans-1,3-Dichloropropene	0.3915 0.5343	0.4156	0.4712	0.4759	0.5219	Ave		0.4684			0.1000	12.1		15.0			
Ethyl methacrylate	0.3753 0.4447	0.3829	0.4186	0.4239	0.4409	Ave		0.4144				7.0		15.0			
1,1,2-Trichloroethane	0.3170 0.3219	0.3226	0.3388	0.3243	0.3317	Ave		0.3260			0.1000	2.4		15.0			
Tetrachloroethene	0.3819 0.3652	0.3715	0.3849	0.3699	0.3801	Ave		0.3756			0.2000	2.1		15.0			
1,3-Dichloropropane	0.6750 0.6347	0.6523	0.6768	0.6516	0.6494	Ave		0.6566				2.5		15.0			
2-Hexanone	0.1779 0.1873	0.1707	0.1959	0.1832	0.1886	Ave		0.1839			0.0500	4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2426 0.3420	0.2434	0.2881	0.2960	0.3303	Ave		0.2904				14.4		15.0			
1,2-Dibromoethane	0.3215 0.3325	0.3183	0.3419	0.3251	0.3402	Ave		0.3299				3.0		15.0			
Chlorobenzene	1.3869 1.2938	1.3415	1.3593	1.2905	1.3194	Ave		1.3319			0.3000	2.8		15.0			
1,1,1,2-Tetrachloroethane	0.3170 0.3986	0.3400	0.3683	0.3711	0.3999	Ave		0.3658				8.9		15.0			
Ethylbenzene	0.7088 0.7002	0.6857	0.7184	0.6972	0.7117	Ave		0.7037				1.7		15.0			
m-Xylene & p-Xylene	1.7254 1.7450	1.6919	1.7654	1.6850	1.7487	Ave		1.7269				1.9		15.0			
o-Xylene	0.8614 0.8379	0.8285	0.8765	0.8245	0.8496	Ave		0.8464				2.4		15.0			
Styrene	1.3641 1.5047	1.3699	1.4715	1.4375	1.5073	Ave		1.4425			0.3000	4.4		15.0			
Bromoform	0.1233 0.1962	0.1284	0.1486	0.1571	0.1803	Lin1	-0.109	0.1898			0.1000				0.9940		0.9900
Isopropylbenzene	2.0044 2.1719	2.0385	2.1403	2.0691	2.2120	Ave		2.1060			0.1000	3.9		15.0			
Bromobenzene	1.0386 0.9473	0.9586	0.9957	0.9686	0.9791	Ave		0.9813				3.3		15.0			
1,1,2,2-Tetrachloroethane	0.7339 0.7541	0.7238	0.7477	0.7567	0.7581	Ave		0.7457			0.3000	1.9		15.0			
1,2,3-Trichloropropane	0.2416 0.2286	0.2178	0.2439	0.2276	0.2353	Ave		0.2324				4.2		15.0			
trans-1,4-Dichloro-2-butene	0.2160 0.2298	0.2002	0.2102	0.2187	0.2284	Ave		0.2172				5.2		15.0			
N-Propylbenzene	1.0573 1.0569	1.0321	1.0773	1.0862	1.0836	Ave		1.0656				1.9		15.0			
2-Chlorotoluene	0.9709 0.9190	0.9662	0.9525	0.9301	0.9423	Ave		0.9469				2.1		15.0			
1,3,5-Trimethylbenzene	3.2703 3.3967	3.1961	3.3564	3.2932	3.4464	Ave		3.3265				2.7		15.0			
4-Chlorotoluene	3.4379 3.3777	3.3433	3.4587	3.3511	3.4028	Ave		3.3953				1.4		15.0			
tert-Butylbenzene	2.7549 2.7004	2.5816	2.7043	2.6702	2.7520	Ave		2.6939				2.4		15.0			
1,2,4-Trimethylbenzene	3.3781 3.5531	3.3438	3.4852	3.4900	3.5801	Ave		3.4717				2.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.6405 3.8669	3.6171	3.8143	3.8169	4.0039	Ave		3.7933				3.8		15.0			
1,3-Dichlorobenzene	1.9907 1.8221	1.8786	1.9008	1.8807	1.8774	Ave		1.8917			0.6000	2.9		15.0			
p-Isopropyltoluene	3.1718 3.3680	3.1348	3.2894	3.3037	3.4483	Ave		3.2860				3.6		15.0			
1,4-Dichlorobenzene	2.0885 1.8827	1.9679	1.9804	1.9148	1.9083	Ave		1.9571			0.5000	3.8		15.0			
n-Butylbenzene	2.5560 2.7774	2.6205	2.7472	2.7930	2.8960	Ave		2.7317				4.5		15.0			
1,2-Dichlorobenzene	1.9442 1.7210	1.7936	1.8264	1.7788	1.7690	Ave		1.8055			0.4000	4.2		15.0			
1,2-Dibromo-3-Chloropropane	0.0900 0.1135	0.0828	0.0968	0.0997	0.1082	Ave		0.0985			0.0500	11.5		15.0			
1,2,4-Trichlorobenzene	1.2023 1.0107	1.2116	1.1733	1.1572	1.1207	Ave		1.1460			0.2000	6.4		15.0			
Hexachlorobutadiene	0.5774 0.4251	0.5527	0.5232	0.5261	0.4932	Ave		0.5163				10.3		15.0			
Naphthalene	2.2848 2.2596	2.3270	2.4025	2.4111	2.4450	Ave		2.3550				3.2		15.0			
1,2,3-Trichlorobenzene	1.0954 0.8485	1.0899	1.0634	1.0435	0.9857	Ave		1.0211				9.1		15.0			
Dibromofluoromethane (Surr)	0.2849 0.2819	0.2702	0.3015	0.2862	0.2872	Ave		0.2853				3.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3792 0.3401	0.3458	0.3615	0.3389	0.3376	Ave		0.3505				4.7		15.0			
Toluene-d8 (Surr)	1.6874 1.6583	1.6036	1.7494	1.6376	1.6174	Ave		1.6589				3.2		15.0			
4-Bromofluorobenzene (Surr)	0.6307 0.6074	0.5837	0.6484	0.6004	0.6016	Ave		0.6121				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-210738/7	UXC5227.D
Level 2	STD8260 240-210738/6	UXC5226.D
Level 3	STD8260 240-210738/5	UXC5225.D
Level 4	STD8260 240-210738/4	UXC5224.D
Level 5	STD8260 240-210738/3	UXC5223.D
Level 6	STD8260 240-210738/2	UXC5222A.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	69994 2968568	139619	372138	673816	1518235	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	87748 3083365	170524	420783	821450	1631821	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	71258 2881820	146004	378621	693671	1499386	1.00 40.0	2.00	5.00	10.0	20.0
Butadiene	FB	Ave	67249 2714311	137641	354913	644267	1414930	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	25554 929177	46647	142752	191122	549076	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	41750 1437795	78868	210854	366471	786655	1.00 40.0	2.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	90041 3258061	164085	457144	778990	1782422	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	58237 2512650	115835	319890	550869	1313251	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	55376 1688348	91270	231842	475475	892922	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	32432 1389519	61612	175522	346243	682062	5.00 200	10.0	25.0	50.0	100
1,1-Dichloroethene	FB	Ave	55501 2353597	110800	286815	585373	1222106	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	38306 1837150	79207	208746	446581	968562	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	46991 1036072	69190	154585	274955	509043	2.00 80.0	4.00	10.0	20.0	40.0
Iodomethane	FB	Ave	96208 3852114	184743	478924	952532	1968866	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	165657 8105021	341907	907414	1888330	4067580	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	34429 1528096	66082	175712	374742	777919	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	161589 6351704	316436	788908	1534412	3196421	5.00 200	10.0	25.0	50.0	100
Methylene Chloride	FB	Lin1	169933 2604976	230171	441782	758268	1404532	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butyl alcohol (TBA)	FB	Ave	28243 1060473	55104	137053	277231	582101	10.0 400	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	140018 5722689	265059	697001	1391542	2899790	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	62394 2494394	122598	314581	626109	1301937	1.00 40.0	2.00	5.00	10.0	20.0
Acrylonitrile	FB	Ave	168775 6989266	327470	847619	1682625	3513708	10.0 400	20.0	50.0	100	200
Hexane	FB	Ave	13860 617331	27863	74772	158931	331867	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	114785 4624858	220177	587273	1149469	2378718	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	80620 3714612	155399	425331	865416	1846447	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	58868 2563686	123228	323914	660593	1383113	1.00 40.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	67276 2642242	129424	340423	669253	1367907	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	38119 1446980	66526	181446	349299	718251	2.00 80.0	4.00	10.0	20.0	40.0
Bromochloromethane	FB	Ave	27982 1186680	57792	146678	297435	604822	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Lin1	31879 942339	55792	125662	233519	480109	2.00 80.0	4.00	10.0	20.0	40.0
Chloroform	FB	Ave	105796 4231988	200991	529540	1049547	2155600	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	65867 3170356	144453	384623	781318	1684755	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	102234 4585898	197683	537348	1140281	2405908	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	78758 3396858	158611	419527	841750	1767419	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	54625 2830938	110857	303265	650617	1433806	1.00 40.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	FB	Ave	28241 1066775	56556	134534	262630	562320	25.0 1000	50.0	125	250	500
Benzene	FB	Ave	277110 10921918	518188	1342060	2637881	5557555	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	79153 3100592	152324	397554	776612	1600630	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	14769 572892	24035	65355	145300	310101	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	62443 2555067	121983	322045	636127	1325685	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	80182 3872636	169040	449695	965944	2071671	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	59802 2528018	121453	310531	624994	1278043	1.00 40.0	2.00	5.00	10.0	20.0
Dibromomethane	FB	Ave	30272 1229909	56615	148707	295275	632539	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	9085 346500	17434	43294	90456	196830	20.0 800	40.0	100	200	400
Bromodichloromethane	FB	Ave	56307 2874987	109399	312560	656783	1425790	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	56171 2577398	111631	303102	619938	1305368	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	67826 3696869	143257	398000	835323	1827980	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	70676 2999002	129333	341762	704866	1477206	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	260892 10830971	511399	1302798	2586870	5499121	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	48815 2879764	104714	301173	629964	1413295	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	46794 2397003	96464	267551	561135	1193908	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	39523 1734782	81281	216506	429312	898262	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	47609 1968241	93612	245987	489679	1029269	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	84161 3421307	164354	432575	862483	1758568	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	44351 2018747	86032	250356	485141	1021566	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	30248 1843569	61336	184148	391874	894516	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	40077 1791978	80199	218492	430310	921303	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	172909 6973434	337996	868719	1708229	3573219	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	39522 2148347	85665	235415	491177	1083094	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	88364 3774329	172765	459128	922946	1927335	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	215117 9405749	426271	1128260	2230521	4735552	1.00 40.0	2.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	107394 4516212	208753	560164	1091371	2300904	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	170064 8110542	345149	940436	1902845	4082071	1.00 40.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Lin1	15373 1057395	32348	95000	207939	488341	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	249899 11706432	513612	1367862	2738887	5990259	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	67655 2699119	126334	341138	659380	1410057	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	47806 2148675	95393	256175	515138	1091773	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	15740 651190	28698	83557	154970	338794	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	14068 654679	26383	72027	148910	328971	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	68871 3011323	136029	369098	739451	1560563	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	63247 2618465	127341	326359	633207	1357052	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	213034 9677816	421217	1150007	2241918	4963247	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	223946 9623665	440627	1185064	2281347	4900450	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	179458 7693891	340237	926572	1817797	3963274	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	220056 10123377	440692	1194129	2375931	5155790	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	237149 11017467	476701	1306888	2598481	5766100	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	129674 5191608	247588	651276	1280328	2703641	1.00 40.0	2.00	5.00	10.0	20.0
p-Isopropyltoluene	DCB	Ave	206615 9596155	413139	1127050	2249065	4965916	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	136050 5364042	259349	678527	1303553	2748121	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 13:08 Calibration End Date: 12/14/2015 15:01 Calibration ID: 32097

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	166504 7913388	345364	941255	1901423	4170653	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	126645 4903421	236378	625774	1210963	2547569	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	5861 323252	10913	33170	67842	155810	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	78318 2879725	159681	402011	787791	1613918	1.00 40.0	2.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	37612 1211136	72848	179268	358150	710309	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	148836 6438081	306684	823174	1641414	3521077	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	71354 2417629	143641	364350	710386	1419594	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	47893 2052047	92758	263782	520230	1045565	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	63759 2475424	118695	316270	615898	1229201	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	210371 8938007	404025	1118072	2167677	4380013	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	78632 3273800	147068	414424	794830	1629282	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 15:47 Calibration End Date: 12/14/2015 17:40 Calibration ID: 32099

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-210738/13	UXC5234.D
Level 2	STD 240-210738/12	UXC5233.D
Level 3	STD 240-210738/11	UXC5232.D
Level 4	STD 240-210738/10	UXC5231.D
Level 5	STD 240-210738/9	UXC5230.D
Level 6	STD 240-210738/8	UXC5229.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0365 0.0317	0.0300	0.0294	0.0290	0.0359	Ave		0.0321				10.4		15.0			
Diisopropyl ether	0.3037 0.3132	0.2709	0.2911	0.2858	0.3539	Ave		0.3031				9.5		15.0			
2-Chloro-1,3-butadiene	0.5766 0.5821	0.4936	0.5222	0.5190	0.6414	Ave		0.5558				9.8		15.0			
Ethyl t-butyl ether	0.8978 0.9605	0.7949	0.8552	0.8432	1.0631	Ave		0.9024				10.7		15.0			
Ethyl acetate	0.2184 0.2097	0.1742	0.1936	0.1876	0.2344	Ave		0.2030				10.8		15.0			
Propionitrile	0.0343 0.0353	0.0303	0.0330	0.0324	0.0400	Ave		0.0342				9.7		15.0			
Methacrylonitrile	0.1640 0.1627	0.1420	0.1484	0.1464	0.1822	Ave		0.1576				9.5		15.0			
Tert-amyl methyl ether	0.7246 0.7757	0.6354	0.6812	0.6816	0.8534	Ave		0.7253				10.8		15.0			
n-Butanol	0.0044 0.0048	0.0040	0.0043	0.0042	0.0056	Ave		0.0046				13.1		15.0			
Ethyl acrylate	0.2503 0.2916	0.2326	0.2532	0.2494	0.3195	Ave		0.2661				12.3		15.0			
Methyl methacrylate	0.1924 0.2149	0.1720	0.1912	0.1885	0.2390	Ave		0.1997				11.8		15.0			
2-Nitropropane	0.0253 0.0344	0.0215	0.0251	0.0259	0.0357	Qua	-0.070	0.0349	0.0000078						0.9960		0.9900
n-Butyl acetate	0.2685 0.3405	0.2390	0.2761	0.2795	0.3735	Lin1	-0.158	0.3457							0.9910		0.9900
1-Chlorohexane	0.5485 0.5838	0.4788	0.5134	0.5231	0.6338	Ave		0.5469				10.1		15.0			
Cyclohexanone	0.0158 0.0171	0.0149	0.0156	0.0157	0.0200	Ave		0.0165				11.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 15:47 Calibration End Date: 12/14/2015 17:40 Calibration ID: 32099

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	3.5383 3.8182	3.0588	3.3758	3.3699	4.2665	Ave		3.5712				11.8		15.0			
1,3,5-Trichlorobenzene	1.2998 1.2091	1.1604	1.1860	1.1935	1.4476	Ave		1.2494				8.7		15.0			
2-Methylnaphthalene	1.4202 +++++	1.4607	1.3806	1.4983	1.6153	Ave		1.4750				6.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 15:47 Calibration End Date: 12/14/2015 17:40 Calibration ID: 32099

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-210738/13	UXC5234.D
Level 2	STD 240-210738/12	UXC5233.D
Level 3	STD 240-210738/11	UXC5232.D
Level 4	STD 240-210738/10	UXC5231.D
Level 5	STD 240-210738/9	UXC5230.D
Level 6	STD 240-210738/8	UXC5229.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	58710 2161234	107618	269440	530427	1089443	10.0 400	20.0	50.0	100	200
Diisopropyl ether	FB	Ave	48874 2135571	97225	266599	523206	1073436	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloro-1,3-butadiene	FB	Ave	92811 3968725	177164	478135	950073	1945304	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl t-butyl ether	FB	Ave	144495 6549049	285292	783117	1543592	3224142	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	70314 2859248	125066	354507	687008	1421812	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	55145 2403671	108661	302198	593215	1214198	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	263884 11093173	509496	1359229	2679197	5527214	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	116618 5288533	228068	623735	1247683	2588171	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	FB	Ave	17662 824245	36094	97748	191701	427606	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	40285 1988241	83488	231812	456560	969022	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	61926 2930581	123470	350113	690199	1449638	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Qua	8137 469745	15450	45918	94990	216285	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	FB	Lin1	43214 2321703	85795	252849	511700	1132859	1.00 40.0	2.00	5.00	10.0	20.0
1-Chlorohexane	CBZ	Ave	65035 2917244	125109	340397	691011	1421577	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexanone	DCB	Ave	9422 445155	19855	52906	107609	231275	10.0 400	20.0	50.0	100	200
1,2,3-Trimethylbenzene	DCB	Ave	211554 9941527	408349	1143850	2303984	4923338	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210738

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2015 15:47 Calibration End Date: 12/14/2015 17:40 Calibration ID: 32099

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	77714 3148084	154908	401857	816024	1670425	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	169829 +++++	389994	935608	2048722	3728051	2.00 +++++	4.00	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-212606/21 Calibration Date: 12/30/2015 18:56

Instrument ID: A3UX14 Calib Start Date: 12/30/2015 12:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/30/2015 15:21

Lab File ID: 147318.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3057	0.3115	0.1000	0.0204	0.0200	1.9	20.0
Chloromethane	Ave	0.4683	0.4789	0.1000	0.0205	0.0200	2.3	20.0
Vinyl chloride	Ave	0.3108	0.3139	0.1000	0.0202	0.0200	1.0	20.0
Butadiene	Ave	0.3624	0.3725		0.0206	0.0200	2.8	20.0
Bromomethane	Ave	0.1379	0.1264	0.0500	0.0183	0.0200	-8.3	20.0
Chloroethane	Ave	0.1675	0.1628	0.0500	0.0194	0.0200	-2.8	20.0
Dichlorofluoromethane	Ave	0.3382	0.3132		0.0185	0.0200	-7.4	20.0
Trichlorofluoromethane	Ave	0.3441	0.3707	0.1000	0.0215	0.0200	7.7	20.0
Ethyl ether	Ave	0.2190	0.2207		0.0504	0.0500	0.8	20.0
Acrolein	Lin1		0.0305		0.229	0.250	-8.4	20.0
1,1-Dichloroethene	Ave	0.2482	0.2779	0.1000	0.0560	0.0500	12.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2084	0.2215	0.0500	0.0532	0.0500	6.3	20.0
Acetone	Qua		0.0773	0.0500	0.0837	0.100	-16.3	20.0
Iodomethane	Ave	0.3700	0.4022		0.0543	0.0500	8.7	20.0
Carbon disulfide	Ave	0.7420	0.7935	0.1000	0.0535	0.0500	6.9	20.0
3-Chloro-1-propene	Ave	0.1467	0.1628		0.0555	0.0500	11.0	20.0
Methyl acetate	Ave	0.1860	0.1851	0.1000	0.249	0.250	-0.5	20.0
Methylene Chloride	Qua		0.2983	0.1000	0.0523	0.0500	4.7	20.0
tert-Butyl alcohol (TBA)	Ave	0.0247	0.0223		0.451	0.500	-9.7	20.0
trans-1,2-Dichloroethene	Ave	0.2941	0.3151	0.1000	0.0536	0.0500	7.1	20.0
Methyl tert-butyl ether	Ave	0.6281	0.6378	0.1000	0.0508	0.0500	1.5	20.0
Acrylonitrile	Ave	0.1038	0.1028		0.495	0.500	-0.9	20.0
Hexane	Ave	0.0811	0.0885		0.0546	0.0500	9.2	20.0
1,1-Dichloroethane	Ave	0.6440	0.6644	0.1000	0.0516	0.0500	3.2	20.0
Vinyl acetate	Ave	0.0331	0.0383		0.0577	0.0500	15.5	20.0
2,2-Dichloropropane	Ave	0.2876	0.2907		0.0505	0.0500	1.1	20.0
cis-1,2-Dichloroethene	Ave	0.3014	0.3238	0.1000	0.0537	0.0500	7.4	20.0
2-Butanone (MEK)	Ave	0.1130	0.1044	0.0500	0.0924	0.100	-7.6	20.0
Bromochloromethane	Ave	0.1197	0.1226		0.0512	0.0500	2.5	20.0
Tetrahydrofuran	Ave	0.0755	0.0706		0.0935	0.100	-6.5	20.0
Chloroform	Ave	0.4940	0.5120	0.2000	0.0518	0.0500	3.6	20.0
1,1,1-Trichloroethane	Ave	0.4136	0.4561	0.1000	0.0551	0.0500	10.3	20.0
Cyclohexane	Ave	0.7887	0.8710	0.1000	0.0552	0.0500	10.4	20.0
Carbon tetrachloride	Ave	0.3312	0.3888	0.1000	0.0587	0.0500	17.4	20.0
1,1-Dichloropropene	Ave	0.3643	0.4135		0.0568	0.0500	13.5	20.0
Benzene	Ave	1.106	1.162	0.5000	0.0525	0.0500	5.1	20.0
Isobutyl alcohol	Ave	0.0081	0.0077		1.19	1.25	-4.8	20.0
1,2-Dichloroethane	Ave	0.4002	0.4237	0.1000	0.0529	0.0500	5.9	20.0
n-Heptane	Ave	0.0755	0.0837		0.0554	0.0500	10.9	20.0
Trichloroethene	Ave	0.2754	0.2984	0.2000	0.0542	0.0500	8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-212606/21 Calibration Date: 12/30/2015 18:56

Instrument ID: A3UX14 Calib Start Date: 12/30/2015 12:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/30/2015 15:21

Lab File ID: 147318.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5152	0.5652	0.1000	0.0549	0.0500	9.7	20.0
1,2-Dichloropropane	Ave	0.3148	0.3351	0.1000	0.0532	0.0500	6.4	20.0
Dibromomethane	Ave	0.1235	0.1328		0.0538	0.0500	7.6	20.0
1,4-Dioxane	Ave	0.0019	0.0018		0.979	1.00	-2.1	20.0
Bromodichloromethane	Ave	0.2898	0.3175	0.1000	0.0548	0.0500	9.6	20.0
2-Chloroethyl vinyl ether	Ave	0.0951	0.0998		0.0525	0.0500	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.3353	0.3613	0.1500	0.0539	0.0500	7.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3685	0.3631	0.0500	0.0985	0.100	-1.5	20.0
Toluene	Ave	1.863	1.943	0.4000	0.0521	0.0500	4.3	20.0
trans-1,3-Dichloropropene	Ave	0.4211	0.4412	0.1000	0.0524	0.0500	4.8	20.0
Ethyl methacrylate	Ave	0.3247	0.3528		0.0543	0.0500	8.7	20.0
1,1,2-Trichloroethane	Ave	0.2910	0.2824	0.1000	0.0485	0.0500	-2.9	20.0
Tetrachloroethene	Ave	0.3443	0.3443	0.2000	0.0500	0.0500	0.0	20.0
1,3-Dichloropropane	Ave	0.4900	0.4778		0.0488	0.0500	-2.5	20.0
2-Hexanone	Ave	0.2523	0.2214	0.0500	0.0877	0.100	-12.3	20.0
Dibromochloromethane	Ave	0.2828	0.2872		0.0508	0.0500	1.5	20.0
1,2-Dibromoethane	Ave	0.2561	0.2669		0.0521	0.0500	4.2	20.0
Chlorobenzene	Ave	1.077	1.085	0.3000	0.0504	0.0500	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3503	0.3843		0.0548	0.0500	9.7	20.0
Ethylbenzene	Ave	0.6092	0.6183		0.0507	0.0500	1.5	20.0
m-Xylene & p-Xylene	Ave	0.7344	0.7523		0.0512	0.0500	2.4	20.0
o-Xylene	Ave	0.7252	0.7613		0.0525	0.0500	5.0	20.0
Styrene	Ave	1.080	1.120	0.3000	0.0519	0.0500	3.7	20.0
Bromoform	Ave	0.1467	0.1520	0.1000	0.0518	0.0500	3.6	20.0
Isopropylbenzene	Ave	2.047	2.179	0.1000	0.0532	0.0500	6.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6475	0.6808	0.3000	0.0526	0.0500	5.1	20.0
Bromobenzene	Ave	0.8490	0.8832		0.0520	0.0500	4.0	20.0
1,2,3-Trichloropropane	Ave	0.1864	0.2058		0.0552	0.0500	10.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2792	0.2814		0.0504	0.0500	0.8	20.0
N-Propylbenzene	Ave	1.038	1.134		0.0546	0.0500	9.2	20.0
2-Chlorotoluene	Ave	0.8878	0.9391		0.0529	0.0500	5.8	20.0
1,3,5-Trimethylbenzene	Ave	3.363	3.721		0.0553	0.0500	10.6	20.0
4-Chlorotoluene	Ave	0.8863	0.9031		0.0509	0.0500	1.9	20.0
tert-Butylbenzene	Ave	3.023	3.386		0.0560	0.0500	12.0	20.0
1,2,4-Trimethylbenzene	Ave	3.372	3.634		0.0539	0.0500	7.8	20.0
sec-Butylbenzene	Ave	4.417	4.872		0.0552	0.0500	10.3	20.0
1,3-Dichlorobenzene	Ave	1.629	1.607	0.6000	0.0493	0.0500	-1.3	20.0
p-Isopropyltoluene	Ave	3.661	4.030		0.0550	0.0500	10.1	20.0
1,4-Dichlorobenzene	Ave	1.635	1.579	0.5000	0.0483	0.0500	-3.5	20.0
n-Butylbenzene	Ave	3.550	3.760		0.0530	0.0500	5.9	20.0
1,2-Dichlorobenzene	Ave	1.591	1.546	0.4000	0.0486	0.0500	-2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-212606/21 Calibration Date: 12/30/2015 18:56

Instrument ID: A3UX14 Calib Start Date: 12/30/2015 12:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/30/2015 15:21

Lab File ID: 147318.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1066	0.1091	0.0500	0.0512	0.0500	2.3	20.0
1,2,4-Trichlorobenzene	Ave	1.258	1.170	0.2000	0.0465	0.0500	-7.0	20.0
Hexachlorobutadiene	Ave	0.8161	0.8312		0.0509	0.0500	1.8	20.0
Naphthalene	Ave	2.465	2.323		0.0471	0.0500	-5.8	20.0
1,2,3-Trichlorobenzene	Ave	1.197	1.075		0.0449	0.0500	-10.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2305	0.2194		0.0476	0.0500	-4.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3100	0.2860		0.0461	0.0500	-7.7	20.0
Toluene-d8 (Surr)	Ave	1.607	1.491		0.0464	0.0500	-7.2	20.0
4-Bromofluorobenzene (Surr)	Ave	1.139	1.061		0.0466	0.0500	-6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-212606/22 Calibration Date: 12/30/2015 19:17

Instrument ID: A3UX14 Calib Start Date: 12/30/2015 12:29

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/30/2015 15:21

Lab File ID: 147319.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2305	0.2092		0.0454	0.0500	-9.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3100	0.2793		0.0451	0.0500	-9.9	20.0
Toluene-d8 (Surr)	Ave	1.607	1.551		0.0482	0.0500	-3.5	20.0
4-Bromofluorobenzene (Surr)	Ave	1.139	0.998		0.0438	0.0500	-12.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-212606/22 Calibration Date: 12/30/2015 19:17

Instrument ID: A3UX14 Calib Start Date: 12/30/2015 15:42

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/30/2015 18:34

Lab File ID: 147319.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0319	0.0310		0.485	0.500	-3.1	20.0
2-Chloro-1,3-butadiene	Ave	0.6633	0.7274		0.0548	0.0500	9.7	20.0
Diisopropyl ether	Ave	0.2233	0.2521		0.0564	0.0500	12.9	20.0
Ethyl t-butyl ether	Ave	1.013	1.078		0.0532	0.0500	6.4	20.0
Ethyl acetate	Ave	0.2088	0.2111		0.101	0.100	1.1	20.0
Propionitrile	Ave	0.0384	0.0380		0.494	0.500	-1.2	20.0
Methacrylonitrile	Ave	0.1427	0.1516		0.531	0.500	6.2	20.0
Tert-amyl methyl ether	Ave	0.6388	0.6765		0.0530	0.0500	5.9	20.0
n-Butanol	Ave	0.0118	0.0124		1.32	1.25	5.4	20.0
Methyl methacrylate	Ave	0.1860	0.1937		0.104	0.100	4.2	20.0
2-Nitropropane	Ave	0.0380	0.0368		0.0969	0.100	-3.1	20.0
1-Chlorohexane	Ave	0.5064	0.5283		0.0522	0.0500	4.3	20.0
Cyclohexanone	Ave	0.0142	0.0148		0.522	0.500	4.4	20.0
1,2,3-Trimethylbenzene	Ave	3.279	3.616		0.0551	0.0500	10.3	20.0
1,3,5-Trichlorobenzene	Ave	1.290	1.388		0.0538	0.0500	7.6	20.0
2-Methylnaphthalene	Ave	1.461	1.513		0.104	0.100	3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210738/14 Calibration Date: 12/14/2015 15:24

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5228.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4073	0.4509	0.1000	0.0111	0.0100	10.7	20.0
Chloromethane	Ave	0.4706	0.4781	0.1000	0.0102	0.0100	1.6	20.0
Vinyl chloride	Ave	0.4119	0.4351	0.1000	0.0106	0.0100	5.6	20.0
Butadiene	Ave	0.3871	0.4016		0.0104	0.0100	3.7	20.0
Bromomethane	Ave	0.1391	0.1718	0.0500	0.0123	0.0100	23.5*	20.0
Chloroethane	Ave	0.2224	0.2327	0.0500	0.0105	0.0100	4.6	20.0
Dichlorofluoromethane	Ave	0.4837	0.5307		0.0110	0.0100	9.7	20.0
Trichlorofluoromethane	Ave	0.3431	0.3875	0.1000	0.0113	0.0100	12.9	20.0
Ethyl ether	Ave	0.2665	0.2619		0.00983	0.0100	-1.7	20.0
Acrolein	Ave	0.0381	0.0404		0.0531	0.0500	6.3	20.0
1,1-Dichloroethene	Ave	0.3270	0.3244	0.1000	0.00992	0.0100	-0.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2436	0.2656	0.0500	0.0109	0.0100	9.0	20.0
Acetone	Lin1		0.0778	0.0500	0.0206	0.0200	2.8	20.0
Iodomethane	Ave	0.5420	0.5628		0.0104	0.0100	3.8	20.0
Carbon disulfide	Ave	1.048	1.058	0.1000	0.0101	0.0100	0.9	20.0
3-Chloro-1-propene	Ave	0.2047	0.1982		0.00968	0.0100	-3.2	20.0
Methyl acetate	Ave	0.1793	0.1854	0.1000	0.0517	0.0500	3.4	20.0
Methylene Chloride	Lin1		0.4220	0.1000	0.0102	0.0100	2.3	20.0
tert-Butyl alcohol (TBA)	Ave	0.0157	0.0151		0.0960	0.100	-4.0	20.0
Methyl tert-butyl ether	Ave	0.7917	0.8101	0.1000	0.0102	0.0100	2.3	20.0
Acrylonitrile	Ave	0.0963	0.0999		0.104	0.100	3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3554	0.3687	0.1000	0.0104	0.0100	3.7	20.0
Hexane	Ave	0.0854	0.0919		0.0108	0.0100	7.6	20.0
1,1-Dichloroethane	Ave	0.6528	0.6763	0.1000	0.0104	0.0100	3.6	20.0
Vinyl acetate	Ave	0.4853	0.4614		0.00951	0.0100	-4.9	20.0
2,2-Dichloropropane	Ave	0.3625	0.3701		0.0102	0.0100	2.1	20.0
cis-1,2-Dichloroethene	Ave	0.3789	0.3915	0.1000	0.0103	0.0100	3.3	20.0
2-Butanone (MEK)	Ave	0.1014	0.1013	0.0500	0.0200	0.0200	-0.0	20.0
Bromochloromethane	Ave	0.1659	0.1712		0.0103	0.0100	3.2	20.0
Tetrahydrofuran	Lin1		0.0687		0.0205	0.0200	2.7	20.0
Chloroform	Ave	0.5952	0.6124	0.2000	0.0103	0.0100	2.9	20.0
1,1,1-Trichloroethane	Ave	0.4301	0.4572	0.1000	0.0106	0.0100	6.3	20.0
Cyclohexane	Ave	0.6194	0.6704	0.1000	0.0108	0.0100	8.2	20.0
Carbon tetrachloride	Ave	0.3559	0.3858	0.1000	0.0108	0.0100	8.4	20.0
1,1-Dichloropropene	Ave	0.4709	0.5435		0.0115	0.0100	15.4	20.0
Isobutyl alcohol	Ave	0.0062	0.0058		0.233	0.250	-6.8	20.0
Benzene	Ave	1.528	1.550	0.5000	0.0101	0.0100	1.4	20.0
1,2-Dichloroethane	Ave	0.4436	0.4534	0.1000	0.0102	0.0100	2.2	20.0
n-Heptane	Ave	0.0794	0.0855		0.0108	0.0100	7.6	20.0
Trichloroethene	Ave	0.3600	0.3771	0.2000	0.0105	0.0100	4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210738/14 Calibration Date: 12/14/2015 15:24

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5228.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5193	0.5721	0.1000	0.0110	0.0100	10.2	20.0
1,2-Dichloropropane	Ave	0.3511	0.3683	0.1000	0.0105	0.0100	4.9	20.0
Dibromomethane	Ave	0.1700	0.1755		0.0103	0.0100	3.2	20.0
1,4-Dioxane	Ave	0.0025	0.0024		0.189	0.200	-5.6	20.0
Bromodichloromethane	Ave	0.3598	0.3784	0.1000	0.0105	0.0100	5.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1716	0.1785		0.0104	0.0100	4.0	20.0
cis-1,3-Dichloropropene	Ave	0.4575	0.4934	0.1500	0.0108	0.0100	7.8	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1994	0.2078	0.0500	0.0208	0.0200	4.2	20.0
Toluene	Ave	2.026	2.085	0.4000	0.0103	0.0100	2.9	20.0
trans-1,3-Dichloropropene	Ave	0.4684	0.5450	0.1000	0.0116	0.0100	16.4	20.0
Ethyl methacrylate	Ave	0.4144	0.4593		0.0111	0.0100	10.8	20.0
1,1,2-Trichloroethane	Ave	0.3260	0.3420	0.1000	0.0105	0.0100	4.9	20.0
Tetrachloroethene	Ave	0.3756	0.3897	0.2000	0.0104	0.0100	3.8	20.0
1,3-Dichloropropane	Ave	0.6566	0.6693		0.0102	0.0100	1.9	20.0
2-Hexanone	Ave	0.1839	0.1882	0.0500	0.0205	0.0200	2.3	20.0
Dibromochloromethane	Ave	0.2904	0.3073		0.0106	0.0100	5.8	20.0
1,2-Dibromoethane	Ave	0.3299	0.3412		0.0103	0.0100	3.4	20.0
Chlorobenzene	Ave	1.332	1.347	0.3000	0.0101	0.0100	1.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3658	0.3834		0.0105	0.0100	4.8	20.0
Ethylbenzene	Ave	0.7037	0.7349		0.0104	0.0100	4.4	20.0
m-Xylene & p-Xylene	Ave	1.727	1.770		0.0102	0.0100	2.5	20.0
o-Xylene	Ave	0.8464	0.8791		0.0104	0.0100	3.9	20.0
Styrene	Ave	1.443	1.445	0.3000	0.0100	0.0100	0.2	20.0
Bromoform	Lin1		0.1566	0.1000	0.00883	0.0100	-11.7	20.0
Isopropylbenzene	Ave	2.106	2.201	0.1000	0.0104	0.0100	4.5	20.0
Bromobenzene	Ave	0.9813	1.002		0.0102	0.0100	2.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7457	0.7742	0.3000	0.0104	0.0100	3.8	20.0
1,2,3-Trichloropropane	Ave	0.2324	0.2558		0.0110	0.0100	10.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2172	0.2383		0.0110	0.0100	9.7	20.0
N-Propylbenzene	Ave	1.066	1.115		0.0105	0.0100	4.6	20.0
2-Chlorotoluene	Ave	0.9469	0.9711		0.0103	0.0100	2.6	20.0
1,3,5-Trimethylbenzene	Ave	3.327	3.472		0.0104	0.0100	4.4	20.0
4-Chlorotoluene	Ave	3.395	3.468		0.0102	0.0100	2.1	20.0
tert-Butylbenzene	Ave	2.694	2.788		0.0103	0.0100	3.5	20.0
1,2,4-Trimethylbenzene	Ave	3.472	3.597		0.0104	0.0100	3.6	20.0
sec-Butylbenzene	Ave	3.793	3.984		0.0105	0.0100	5.0	20.0
1,3-Dichlorobenzene	Ave	1.892	1.908	0.6000	0.0101	0.0100	0.9	20.0
p-Isopropyltoluene	Ave	3.286	3.385		0.0103	0.0100	3.0	20.0
1,4-Dichlorobenzene	Ave	1.957	1.984	0.5000	0.0101	0.0100	1.4	20.0
n-Butylbenzene	Ave	2.732	2.819		0.0103	0.0100	3.2	20.0
1,2-Dichlorobenzene	Ave	1.805	1.831	0.4000	0.0101	0.0100	1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210738/14 Calibration Date: 12/14/2015 15:24

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5228.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0985	0.1018	0.0500	0.0103	0.0100	3.4	20.0
1,2,4-Trichlorobenzene	Ave	1.146	1.064	0.2000	0.00929	0.0100	-7.1	20.0
Hexachlorobutadiene	Ave	0.5163	0.4478		0.00867	0.0100	-13.3	20.0
Naphthalene	Ave	2.355	2.243		0.00953	0.0100	-4.7	20.0
1,2,3-Trichlorobenzene	Ave	1.021	0.8954		0.00877	0.0100	-12.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2853	0.2802		0.00720	0.00733	-1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3505	0.3351		0.00701	0.00733	-4.4	20.0
Toluene-d8 (Surr)	Ave	1.659	1.668		0.00737	0.00733	0.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6121	0.6703		0.00803	0.00733	9.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210738/15 Calibration Date: 12/14/2015 18:03

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 15:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 17:40

Lab File ID: UXC5235.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0321	0.0291		0.0908	0.100	-9.2	20.0
Diisopropyl ether	Ave	0.3031	0.3076		0.0101	0.0100	1.5	20.0
2-Chloro-1,3-butadiene	Ave	0.5558	0.5348		0.00962	0.0100	-3.8	20.0
Ethyl t-butyl ether	Ave	0.9024	0.8852		0.00981	0.0100	-1.9	20.0
Ethyl acetate	Ave	0.2030	0.1962		0.0193	0.0200	-3.3	20.0
Propionitrile	Ave	0.0342	0.0338		0.0987	0.100	-1.3	20.0
Methacrylonitrile	Ave	0.1576	0.1544		0.0980	0.100	-2.0	20.0
Tert-amyl methyl ether	Ave	0.7253	0.7045		0.00971	0.0100	-2.9	20.0
n-Butanol	Ave	0.0046	0.0040		0.221	0.250	-11.6	20.0
Methyl methacrylate	Ave	0.1997	0.2008		0.0201	0.0200	0.6	20.0
2-Nitropropane	Qua		0.0262		0.0169	0.0200	-15.3	20.0
1-Chlorohexane	Ave	0.5469	0.5335		0.00976	0.0100	-2.4	20.0
Cyclohexanone	Ave	0.0165	0.0137		0.0826	0.100	-17.4	20.0
1,2,3-Trimethylbenzene	Ave	3.571	3.515		0.00984	0.0100	-1.6	20.0
1,3,5-Trichlorobenzene	Ave	1.249	1.151		0.00921	0.0100	-7.9	20.0
2-Methylnaphthalene	Ave	1.475	0.7358		0.00998	0.0200	-50.1*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCVIS 240-212893/2 Calibration Date: 01/04/2016 09:55

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5592.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4073	0.4230	0.1000	0.0104	0.0100	3.8	20.0
Chloromethane	Ave	0.4706	0.5100	0.1000	0.0108	0.0100	8.4	20.0
Vinyl chloride	Ave	0.4119	0.4332	0.1000	0.0105	0.0100	5.2	20.0
Butadiene	Ave	0.3871	0.4088		0.0106	0.0100	5.6	20.0
Bromomethane	Ave	0.1391	0.1208	0.0500	0.00868	0.0100	-13.2	20.0
Chloroethane	Ave	0.2224	0.2077	0.0500	0.00934	0.0100	-6.6	20.0
Dichlorofluoromethane	Ave	0.4837	0.4906		0.0101	0.0100	1.4	20.0
Trichlorofluoromethane	Ave	0.3431	0.3979	0.1000	0.0116	0.0100	16.0	20.0
Ethyl ether	Ave	0.2665	0.2419		0.00908	0.0100	-9.2	20.0
Acrolein	Ave	0.0381	0.0379		0.0498	0.0500	-0.5	20.0
1,1-Dichloroethene	Ave	0.3270	0.2919	0.1000	0.00893	0.0100	-10.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2436	0.2391	0.0500	0.00982	0.0100	-1.8	20.0
Acetone	Lin1		0.0781	0.0500	0.0207	0.0200	3.4	20.0
Iodomethane	Ave	0.5420	0.4830		0.00891	0.0100	-10.9	20.0
Carbon disulfide	Ave	1.048	0.8984	0.1000	0.00857	0.0100	-14.3	20.0
3-Chloro-1-propene	Ave	0.2047	0.1730		0.00845	0.0100	-15.5	20.0
Methyl acetate	Ave	0.1793	0.1636	0.1000	0.0456	0.0500	-8.7	20.0
Methylene Chloride	Lin1		0.3487	0.1000	0.00811	0.0100	-18.9	20.0
tert-Butyl alcohol (TBA)	Ave	0.0157	0.0100		0.0637	0.100	-36.3*	20.0
Methyl tert-butyl ether	Ave	0.7917	0.7543	0.1000	0.00953	0.0100	-4.7	20.0
Acrylonitrile	Ave	0.0963	0.0937		0.0973	0.100	-2.7	20.0
trans-1,2-Dichloroethene	Ave	0.3554	0.3176	0.1000	0.00894	0.0100	-10.6	20.0
Hexane	Ave	0.0854	0.0765		0.00895	0.0100	-10.5	20.0
1,1-Dichloroethane	Ave	0.6528	0.5907	0.1000	0.00905	0.0100	-9.5	20.0
Vinyl acetate	Ave	0.4853	0.3426		0.00706	0.0100	-29.4*	20.0
2,2-Dichloropropane	Ave	0.3625	0.2742		0.00756	0.0100	-24.4*	20.0
cis-1,2-Dichloroethene	Ave	0.3789	0.3486	0.1000	0.00920	0.0100	-8.0	20.0
2-Butanone (MEK)	Ave	0.1014	0.1163	0.0500	0.0230	0.0200	14.8	20.0
Bromochloromethane	Ave	0.1659	0.1578		0.00951	0.0100	-4.9	20.0
Tetrahydrofuran	Lin1		0.0805		0.0243	0.0200	21.3*	20.0
Chloroform	Ave	0.5952	0.5373	0.2000	0.00903	0.0100	-9.7	20.0
1,1,1-Trichloroethane	Ave	0.4301	0.3432	0.1000	0.00798	0.0100	-20.2*	20.0
Cyclohexane	Ave	0.6194	0.5697	0.1000	0.00920	0.0100	-8.0	20.0
Carbon tetrachloride	Ave	0.3559	0.2394	0.1000	0.00673	0.0100	-32.7*	20.0
1,1-Dichloropropene	Ave	0.4709	0.4290		0.00911	0.0100	-8.9	20.0
Isobutyl alcohol	Ave	0.0062	0.0035		0.141	0.250	-43.7*	20.0
Benzene	Ave	1.528	1.358	0.5000	0.00888	0.0100	-11.2	20.0
1,2-Dichloroethane	Ave	0.4436	0.4061	0.1000	0.00915	0.0100	-8.5	20.0
n-Heptane	Ave	0.0794	0.0717		0.00903	0.0100	-9.7	20.0
Trichloroethene	Ave	0.3600	0.3283	0.2000	0.00912	0.0100	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCVIS 240-212893/2 Calibration Date: 01/04/2016 09:55

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5592.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5193	0.4807	0.1000	0.00926	0.0100	-7.4	20.0
1,2-Dichloropropane	Ave	0.3511	0.3295	0.1000	0.00939	0.0100	-6.1	20.0
Dibromomethane	Ave	0.1700	0.1624		0.00955	0.0100	-4.5	20.0
1,4-Dioxane	Ave	0.0025	0.0026		0.203	0.200	1.6	20.0
Bromodichloromethane	Ave	0.3598	0.2985	0.1000	0.00830	0.0100	-17.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1716	0.1788		0.0208	0.0200	4.2	20.0
cis-1,3-Dichloropropene	Ave	0.4575	0.4043	0.1500	0.00884	0.0100	-11.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1994	0.2061	0.0500	0.0207	0.0200	3.3	20.0
Toluene	Ave	2.026	1.802	0.4000	0.00890	0.0100	-11.0	20.0
trans-1,3-Dichloropropene	Ave	0.4684	0.3917	0.1000	0.00836	0.0100	-16.4	20.0
Ethyl methacrylate	Ave	0.4144	0.3573		0.00862	0.0100	-13.8	20.0
1,1,2-Trichloroethane	Ave	0.3260	0.3183	0.1000	0.00976	0.0100	-2.4	20.0
Tetrachloroethene	Ave	0.3756	0.3214	0.2000	0.00856	0.0100	-14.4	20.0
1,3-Dichloropropane	Ave	0.6566	0.6173		0.00940	0.0100	-6.0	20.0
2-Hexanone	Ave	0.1839	0.1857	0.0500	0.0202	0.0200	1.0	20.0
Dibromochloromethane	Ave	0.2904	0.2083		0.00717	0.0100	-28.3*	20.0
1,2-Dibromoethane	Ave	0.3299	0.3105		0.00941	0.0100	-5.9	20.0
Chlorobenzene	Ave	1.332	1.205	0.3000	0.00905	0.0100	-9.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3658	0.2700		0.00738	0.0100	-26.2*	20.0
Ethylbenzene	Ave	0.7037	0.6445		0.00916	0.0100	-8.4	20.0
m-Xylene & p-Xylene	Ave	1.727	1.549		0.00897	0.0100	-10.3	20.0
o-Xylene	Ave	0.8464	0.7714		0.00911	0.0100	-8.9	20.0
Styrene	Ave	1.443	1.355	0.3000	0.00939	0.0100	-6.1	20.0
Bromoform	Lin1		0.1008	0.1000	0.00589	0.0100	-41.1*	20.0
Isopropylbenzene	Ave	2.106	1.910	0.1000	0.00907	0.0100	-9.3	20.0
Bromobenzene	Ave	0.9813	0.8899		0.00907	0.0100	-9.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7457	0.7234	0.3000	0.00970	0.0100	-3.0	20.0
1,2,3-Trichloropropane	Ave	0.2324	0.2358		0.0101	0.0100	1.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2172	0.1952		0.00898	0.0100	-10.2	20.0
N-Propylbenzene	Ave	1.066	0.9833		0.00923	0.0100	-7.7	20.0
2-Chlorotoluene	Ave	0.9469	0.8482		0.00896	0.0100	-10.4	20.0
1,3,5-Trimethylbenzene	Ave	3.327	2.976		0.00895	0.0100	-10.5	20.0
4-Chlorotoluene	Ave	3.395	3.006		0.00885	0.0100	-11.5	20.0
tert-Butylbenzene	Ave	2.694	2.448		0.00909	0.0100	-9.1	20.0
1,2,4-Trimethylbenzene	Ave	3.472	3.127		0.00901	0.0100	-9.9	20.0
sec-Butylbenzene	Ave	3.793	3.336		0.00879	0.0100	-12.1	20.0
1,3-Dichlorobenzene	Ave	1.892	1.675	0.6000	0.00885	0.0100	-11.5	20.0
p-Isopropyltoluene	Ave	3.286	2.914		0.00887	0.0100	-11.3	20.0
1,4-Dichlorobenzene	Ave	1.957	1.714	0.5000	0.00876	0.0100	-12.4	20.0
n-Butylbenzene	Ave	2.732	2.311		0.00846	0.0100	-15.4	20.0
1,2-Dichlorobenzene	Ave	1.805	1.604	0.4000	0.00889	0.0100	-11.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCVIS 240-212893/2 Calibration Date: 01/04/2016 09:55

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 13:08

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 15:01

Lab File ID: UXC5592.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0985	0.0717	0.0500	0.00728	0.0100	-27.2*	20.0
1,2,4-Trichlorobenzene	Ave	1.146	0.9020	0.2000	0.00787	0.0100	-21.3*	20.0
Hexachlorobutadiene	Ave	0.5163	0.3423		0.00663	0.0100	-33.7*	20.0
Naphthalene	Ave	2.355	2.014		0.00855	0.0100	-14.5	20.0
1,2,3-Trichlorobenzene	Ave	1.021	0.7653		0.00749	0.0100	-25.1*	20.0
Dibromofluoromethane (Surr)	Ave	0.2853	0.2864		0.00736	0.00733	0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3505	0.3364		0.00704	0.00733	-4.0	20.0
Toluene-d8 (Surr)	Ave	1.659	1.672		0.00739	0.00733	0.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6121	0.6848		0.00820	0.00733	11.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212893/3 Calibration Date: 01/04/2016 10:41

Instrument ID: A3UX15 Calib Start Date: 12/14/2015 15:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2015 17:40

Lab File ID: UXC5594.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0321	0.0282		0.0878	0.100	-12.2	20.0
Diisopropyl ether	Ave	0.3031	0.2927		0.00966	0.0100	-3.4	20.0
2-Chloro-1,3-butadiene	Ave	0.5558	0.4890		0.00880	0.0100	-12.0	20.0
Ethyl t-butyl ether	Ave	0.9024	0.8266		0.00916	0.0100	-8.4	20.0
Ethyl acetate	Ave	0.2030	0.1864		0.0184	0.0200	-8.2	20.0
Propionitrile	Ave	0.0342	0.0329		0.0963	0.100	-3.7	20.0
Methacrylonitrile	Ave	0.1576	0.1494		0.0948	0.100	-5.2	20.0
Tert-amyl methyl ether	Ave	0.7253	0.6808		0.00939	0.0100	-6.1	20.0
n-Butanol	Ave	0.0046	0.0029		0.159	0.250	-36.5*	20.0
Methyl methacrylate	Ave	0.1997	0.1890		0.0189	0.0200	-5.3	20.0
2-Nitropropane	Qua		0.0143		0.0102	0.0200	-49.2*	20.0
1-Chlorohexane	Ave	0.5469	0.4819		0.00881	0.0100	-11.9	20.0
Cyclohexanone	Ave	0.0165	0.0146		0.0885	0.100	-11.5	20.0
1,2,3-Trimethylbenzene	Ave	3.571	3.251		0.00910	0.0100	-9.0	20.0
1,3,5-Trichlorobenzene	Ave	1.249	1.057		0.00846	0.0100	-15.4	20.0
2-Methylnaphthalene	Ave	1.475	0.6915		0.00938	0.0200	-53.1*	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212606/24

Matrix: Solid | Lab File ID: 147321.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 20:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.562	J	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.460	J	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	1.1	U	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212606/24

Matrix: Solid | Lab File ID: 147321.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 20:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.618	J	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212606/24

Matrix: Solid | Lab File ID: 147321.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 20:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		67-125
1868-53-7	Dibromofluoromethane (Surr)	93		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212893/8

Matrix: Water | Lab File ID: UXC5596.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 11:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	1.34	J	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212893/8

Matrix: Water | Lab File ID: UXC5596.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 11:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212893/8

Matrix: Water | Lab File ID: UXC5596.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 11:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		79-120
460-00-4	4-Bromofluorobenzene (Surr)	111		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212606/23

Matrix: Solid | Lab File ID: 147320.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 19:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	58.6		5.0	0.50
71-55-6	1,1,1-Trichloroethane	54.0		5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	53.5		5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	45.3		5.0	0.42
75-34-3	1,1-Dichloroethane	51.1		5.0	0.34
75-35-4	1,1-Dichloroethene	42.2		5.0	0.80
563-58-6	1,1-Dichloropropene	54.6		5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	45.6		5.0	0.50
96-18-4	1,2,3-Trichloropropane	57.2		5.0	0.78
120-82-1	1,2,4-Trichlorobenzene	45.6		5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	52.6		5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	55.6		10	2.7
95-50-1	1,2-Dichlorobenzene	48.1		5.0	0.34
107-06-2	1,2-Dichloroethane	52.5		5.0	0.46
78-87-5	1,2-Dichloropropane	52.7		5.0	0.14
541-73-1	1,3-Dichlorobenzene	47.0		5.0	0.69
142-28-9	1,3-Dichloropropane	51.7		5.0	0.40
106-46-7	1,4-Dichlorobenzene	47.3		5.0	0.28
594-20-7	2,2-Dichloropropane	54.3		5.0	0.44
78-93-3	2-Butanone (MEK)	96.3		20	1.1
110-75-8	2-Chloroethyl vinyl ether	54.3		50	0.64
95-49-8	2-Chlorotoluene	52.2		5.0	0.30
591-78-6	2-Hexanone	99.2		20	0.68
106-43-4	4-Chlorotoluene	48.3		5.0	0.26
99-87-6	p-Isopropyltoluene	53.4		5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	109		20	1.2
67-64-1	Acetone	94.9		20	5.7
71-43-2	Benzene	50.8		5.0	0.90
108-86-1	Bromobenzene	51.6		5.0	0.33
75-25-2	Bromoform	54.9		5.0	0.24
74-83-9	Bromomethane	19.2		5.0	0.42
75-15-0	Carbon disulfide	54.9		5.0	0.59
56-23-5	Carbon tetrachloride	57.7		5.0	0.65
108-90-7	Chlorobenzene	50.5		5.0	0.53
124-48-1	Dibromochloromethane	54.7		5.0	0.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212606/23

Matrix: Solid | Lab File ID: 147320.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 19:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	19.5		5.0	0.44
67-66-3	Chloroform	51.8		5.0	0.36
74-87-3	Chloromethane	20.5		5.0	0.79
156-59-2	cis-1,2-Dichloroethene	52.6		5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	53.5		5.0	0.71
74-95-3	Dibromomethane	53.8		5.0	0.42
74-97-5	Bromochloromethane	52.0		5.0	0.33
75-71-8	Dichlorodifluoromethane	20.7		5.0	0.28
75-27-4	Bromodichloromethane	54.4		5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	450		200	5.7
100-41-4	Ethylbenzene	51.6		5.0	0.32
87-68-3	Hexachlorobutadiene	51.3		5.0	0.40
98-82-8	Isopropylbenzene	54.4		5.0	0.20
1634-04-4	Methyl tert-butyl ether	53.0		5.0	0.43
75-09-2	Methylene Chloride	50.7		5.0	0.74
179601-23-1	m-Xylene & p-Xylene	53.8		10	0.42
91-20-3	Naphthalene	51.1		5.0	0.35
104-51-8	n-Butylbenzene	50.3		5.0	0.59
103-65-1	N-Propylbenzene	53.2		5.0	0.60
95-47-6	o-Xylene	54.6		5.0	0.57
135-98-8	sec-Butylbenzene	55.3		5.0	0.91
100-42-5	Styrene	53.8		5.0	0.40
127-18-4	Tetrachloroethene	51.4		5.0	0.80
108-88-3	Toluene	53.2		5.0	0.27
156-60-5	trans-1,2-Dichloroethene	53.2		5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	55.5		5.0	0.29
79-01-6	Trichloroethene	53.1		5.0	0.38
75-69-4	Trichlorofluoromethane	21.1		5.0	0.29
108-05-4	Vinyl acetate	48.6		10	0.66
75-01-4	Vinyl chloride	20.2		5.0	0.30
1330-20-7	Xylenes, Total	108		10	0.54
98-06-6	tert-Butylbenzene	54.9		5.0	0.67
106-93-4	1,2-Dibromoethane	56.1		5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-212606/23

Matrix: Solid Lab File ID: 147320.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/30/2015 19:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		67-125
1868-53-7	Dibromofluoromethane (Surr)	94		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212606/25

Matrix: Solid | Lab File ID: 147322.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/30/2015 20:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
526-73-8	1,2,3-Trimethylbenzene	53.4		5.0	0.46
108-20-3	Diisopropyl ether	55.3		10	0.59
994-05-8	Tert-amyl methyl ether	51.1		5.0	0.43
637-92-3	Ethyl t-butyl ether	52.6		5.0	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212893/5

Matrix: Water | Lab File ID: UXC5593.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 10:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	8.23		1.0	0.28
71-55-6	1,1,1-Trichloroethane	8.79		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	9.40		1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10.5		1.0	0.45
75-34-3	1,1-Dichloroethane	9.36		1.0	0.30
75-35-4	1,1-Dichloroethene	9.64		1.0	0.45
563-58-6	1,1-Dichloropropene	10.1		1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	8.36		1.0	0.37
96-18-4	1,2,3-Trichloropropane	9.73		1.0	0.44
120-82-1	1,2,4-Trichlorobenzene	8.53		1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	9.27		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	8.17		2.0	0.82
95-50-1	1,2-Dichlorobenzene	9.02		1.0	0.25
107-06-2	1,2-Dichloroethane	9.32		1.0	0.23
78-87-5	1,2-Dichloropropane	9.80		1.0	0.25
541-73-1	1,3-Dichlorobenzene	9.06		1.0	0.19
142-28-9	1,3-Dichloropropane	9.36		1.0	0.19
106-46-7	1,4-Dichlorobenzene	9.07		1.0	0.27
594-20-7	2,2-Dichloropropane	7.92		1.0	0.26
78-93-3	2-Butanone (MEK)	21.5		10	0.53
110-75-8	2-Chloroethyl vinyl ether	9.80	J	10	0.59
95-49-8	2-Chlorotoluene	9.14		1.0	0.40
591-78-6	2-Hexanone	18.5		10	0.48
106-43-4	4-Chlorotoluene	9.06		1.0	0.29
99-87-6	p-Isopropyltoluene	9.23		1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	19.6		10	0.99
67-64-1	Acetone	19.1		10	0.94
71-43-2	Benzene	9.39		1.0	0.35
108-86-1	Bromobenzene	9.14		1.0	0.35
75-25-2	Bromoform	6.29		1.0	0.56
74-83-9	Bromomethane	6.43		1.0	0.44
75-15-0	Carbon disulfide	9.43		1.0	0.38
56-23-5	Carbon tetrachloride	7.89		1.0	0.43
108-90-7	Chlorobenzene	9.32		1.0	0.25
124-48-1	Dibromochloromethane	7.97		1.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212893/5

Matrix: Water | Lab File ID: UXC5593.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 10:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Chloroethane	7.54		1.0	0.32
67-66-3	Chloroform	9.57		1.0	0.25
74-87-3	Chloromethane	9.55		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	9.75		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	9.84		1.0	0.46
74-95-3	Dibromomethane	9.81		1.0	0.42
74-97-5	Bromochloromethane	9.83		1.0	0.50
75-71-8	Dichlorodifluoromethane	7.57		1.0	0.32
75-27-4	Bromodichloromethane	8.91		1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	79.5		50	4.9
100-41-4	Ethylbenzene	9.45		1.0	0.25
87-68-3	Hexachlorobutadiene	7.63		1.0	0.35
98-82-8	Isopropylbenzene	9.47		1.0	0.35
1634-04-4	Methyl tert-butyl ether	9.50		1.0	0.20
75-09-2	Methylene Chloride	8.56		1.0	0.33
179601-23-1	m-Xylene & p-Xylene	9.38		2.0	0.24
91-20-3	Naphthalene	9.11		1.0	0.45
104-51-8	n-Butylbenzene	8.99		1.0	0.31
103-65-1	N-Propylbenzene	9.29		1.0	0.40
95-47-6	o-Xylene	9.59		1.0	0.25
135-98-8	sec-Butylbenzene	9.27		1.0	0.48
100-42-5	Styrene	9.62		1.0	0.45
127-18-4	Tetrachloroethene	9.39		1.0	0.31
108-88-3	Toluene	9.29		1.0	0.23
156-60-5	trans-1,2-Dichloroethene	9.74		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	9.12		1.0	0.56
79-01-6	Trichloroethene	9.82		1.0	0.22
75-69-4	Trichlorofluoromethane	9.18		1.0	0.49
108-05-4	Vinyl acetate	8.16		2.0	0.41
75-01-4	Vinyl chloride	9.13		1.0	0.29
1330-20-7	Xylenes, Total	19.0		2.0	0.52
98-06-6	tert-Butylbenzene	9.36		1.0	0.41
106-93-4	1,2-Dibromoethane	9.65		1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-212893/5

Matrix: Water Lab File ID: UXC5593.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/04/2016 10:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212893 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		79-120
460-00-4	4-Bromofluorobenzene (Surr)	114		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 147327.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.65(g) | Date Analyzed: 12/30/2015 22:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	44.5		5.4	0.54
71-55-6	1,1,1-Trichloroethane	50.6		5.4	0.71
79-34-5	1,1,2,2-Tetrachloroethane	43.6		5.4	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	52.2		5.4	0.46
75-34-3	1,1-Dichloroethane	45.9		5.4	0.37
75-35-4	1,1-Dichloroethene	48.2		5.4	0.87
563-58-6	1,1-Dichloropropene	50.4		5.4	0.40
87-61-6	1,2,3-Trichlorobenzene	22.8		5.4	0.54
96-18-4	1,2,3-Trichloropropane	48.1		5.4	0.85
526-73-8	1,2,3-Trimethylbenzene	0.789	J	5.4	0.50
120-82-1	1,2,4-Trichlorobenzene	23.3		5.4	0.41
95-63-6	1,2,4-Trimethylbenzene	37.0		5.4	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	40.1		11	2.9
95-50-1	1,2-Dichlorobenzene	30.9		5.4	0.37
107-06-2	1,2-Dichloroethane	44.3		5.4	0.50
78-87-5	1,2-Dichloropropane	47.0		5.4	0.15
541-73-1	1,3-Dichlorobenzene	29.9		5.4	0.75
142-28-9	1,3-Dichloropropane	41.4		5.4	0.43
106-46-7	1,4-Dichlorobenzene	27.7		5.4	0.30
594-20-7	2,2-Dichloropropane	46.0		5.4	0.48
78-93-3	2-Butanone (MEK)	89.2		22	1.2
110-75-8	2-Chloroethyl vinyl ether	33.0	J	54	0.69
95-49-8	2-Chlorotoluene	35.4		5.4	0.33
591-78-6	2-Hexanone	90.1		22	0.74
106-43-4	4-Chlorotoluene	32.1		5.4	0.28
99-87-6	p-Isopropyltoluene	34.2		5.4	0.44
108-10-1	4-Methyl-2-pentanone (MIBK)	97.1		22	1.3
67-64-1	Acetone	102		22	6.2
71-43-2	Benzene	45.9		5.4	0.98
108-86-1	Bromobenzene	35.4		5.4	0.36
75-25-2	Bromoform	42.3		5.4	0.26
74-83-9	Bromomethane	16.0		5.4	0.46
75-15-0	Carbon disulfide	43.4		5.4	0.64
56-23-5	Carbon tetrachloride	54.2		5.4	0.71
108-90-7	Chlorobenzene	38.3		5.4	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 147327.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.65(g) | Date Analyzed: 12/30/2015 22:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	42.4		5.4	0.40
75-00-3	Chloroethane	17.2		5.4	0.48
67-66-3	Chloroform	45.3		5.4	0.39
74-87-3	Chloromethane	18.5		5.4	0.86
156-59-2	cis-1,2-Dichloroethene	43.2		5.4	0.30
10061-01-5	cis-1,3-Dichloropropene	42.5		5.4	0.77
74-95-3	Dibromomethane	43.3		5.4	0.46
74-97-5	Bromochloromethane	41.7		5.4	0.36
75-71-8	Dichlorodifluoromethane	20.5		5.4	0.30
75-27-4	Bromodichloromethane	46.2		5.4	0.31
75-65-0	tert-Butyl alcohol (TBA)	454		220	6.2
100-41-4	Ethylbenzene	40.5		5.4	0.35
87-68-3	Hexachlorobutadiene	24.2		5.4	0.43
108-20-3	Diisopropyl ether	0.64	U	11	0.64
98-82-8	Isopropylbenzene	39.5		5.4	0.22
1634-04-4	Methyl tert-butyl ether	46.4		5.4	0.47
75-09-2	Methylene Chloride	40.6		5.4	0.80
179601-23-1	m-Xylene & p-Xylene	42.1		11	0.46
91-20-3	Naphthalene	31.1		5.4	0.38
104-51-8	n-Butylbenzene	29.5		5.4	0.64
103-65-1	N-Propylbenzene	36.8		5.4	0.65
95-47-6	o-Xylene	42.2		5.4	0.62
135-98-8	sec-Butylbenzene	35.7		5.4	0.99
100-42-5	Styrene	37.2		5.4	0.43
994-05-8	Tert-amyl methyl ether	0.47	U	5.4	0.47
637-92-3	Ethyl t-butyl ether	0.44	U	5.4	0.44
127-18-4	Tetrachloroethene	42.6		5.4	0.87
108-88-3	Toluene	45.1		5.4	0.29
156-60-5	trans-1,2-Dichloroethene	44.0		5.4	0.35
10061-02-6	trans-1,3-Dichloropropene	37.3		5.4	0.31
79-01-6	Trichloroethene	44.7		5.4	0.41
75-69-4	Trichlorofluoromethane	20.8		5.4	0.31
108-05-4	Vinyl acetate	32.9		11	0.72
75-01-4	Vinyl chloride	18.3		5.4	0.33
1330-20-7	Xylenes, Total	84.3		11	0.59
98-06-6	tert-Butylbenzene	38.2		5.4	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 147327.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.65(g) | Date Analyzed: 12/30/2015 22:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	42.6		5.4	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59545-B-2 MS

Matrix: Water | Lab File ID: UXC5610.D

Analysis Method: 8260C | Date Collected: 12/29/2015 16:48

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 17:00

Soil Aliquot Vol: | Dilution Factor: 500

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4250		500	220
79-34-5	1,1,2,2-Tetrachloroethane	4970		500	110
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4400		500	230
75-34-3	1,1-Dichloroethane	10600		500	150
75-35-4	1,1-Dichloroethene	4740		500	230
120-82-1	1,2,4-Trichlorobenzene	3990		500	160
96-12-8	1,2-Dibromo-3-Chloropropane	3890		1000	410
95-50-1	1,2-Dichlorobenzene	4420		500	130
107-06-2	1,2-Dichloroethane	4970		500	120
78-87-5	1,2-Dichloropropane	4850		500	130
541-73-1	1,3-Dichlorobenzene	4440		500	95
106-46-7	1,4-Dichlorobenzene	4470		500	140
78-93-3	2-Butanone (MEK)	11300		5000	270
591-78-6	2-Hexanone	10100		5000	240
108-10-1	4-Methyl-2-pentanone (MIBK)	10400		5000	500
67-64-1	Acetone	8410		5000	470
71-43-2	Benzene	4720		500	180
75-25-2	Bromoform	3020		500	280
74-83-9	Bromomethane	2680		500	220
75-15-0	Carbon disulfide	4490		500	190
56-23-5	Carbon tetrachloride	3710		500	220
108-90-7	Chlorobenzene	4670		500	130
124-48-1	Dibromochloromethane	3910		500	220
75-00-3	Chloroethane	3500		500	160
67-66-3	Chloroform	4760		500	130
74-87-3	Chloromethane	4750		500	220
156-59-2	cis-1,2-Dichloroethene	17700		500	130
10061-01-5	cis-1,3-Dichloropropene	4550		500	230
75-71-8	Dichlorodifluoromethane	3190		500	160
75-27-4	Bromodichloromethane	4260		500	150
100-41-4	Ethylbenzene	4710		500	130
98-82-8	Isopropylbenzene	4710		500	180
1634-04-4	Methyl tert-butyl ether	4640		500	100
75-09-2	Methylene Chloride	4360		500	170
179601-23-1	m-Xylene & p-Xylene	4700		1000	120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59545-B-2 MS

Matrix: Water | Lab File ID: UXC5610.D

Analysis Method: 8260C | Date Collected: 12/29/2015 16:48

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 17:00

Soil Aliquot Vol: | Dilution Factor: 500

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	4760		500	130
100-42-5	Styrene	4790		500	230
127-18-4	Tetrachloroethene	4540		500	160
108-88-3	Toluene	4690		500	120
156-60-5	trans-1,2-Dichloroethene	5390		500	150
10061-02-6	trans-1,3-Dichloropropene	4330		500	280
79-01-6	Trichloroethene	4800		500	110
75-69-4	Trichlorofluoromethane	3960		500	250
75-01-4	Vinyl chloride	8920		500	150
1330-20-7	Xylenes, Total	9460		1000	260
106-93-4	1,2-Dibromoethane	5040		500	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		79-120
460-00-4	4-Bromofluorobenzene (Surr)	117		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 147328.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.47(g) | Date Analyzed: 12/30/2015 22:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	41.7		5.6	0.56
71-55-6	1,1,1-Trichloroethane	55.0		5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	47.6		5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	58.3		5.6	0.47
75-34-3	1,1-Dichloroethane	50.9		5.6	0.38
75-35-4	1,1-Dichloroethene	56.9		5.6	0.90
563-58-6	1,1-Dichloropropene	51.9		5.6	0.41
87-61-6	1,2,3-Trichlorobenzene	19.0		5.6	0.56
96-18-4	1,2,3-Trichloropropane	50.5		5.6	0.87
526-73-8	1,2,3-Trimethylbenzene	1.61	J	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	17.4		5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	27.3		5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	48.9		11	3.0
95-50-1	1,2-Dichlorobenzene	23.5		5.6	0.38
107-06-2	1,2-Dichloroethane	49.6		5.6	0.52
78-87-5	1,2-Dichloropropane	48.5		5.6	0.16
541-73-1	1,3-Dichlorobenzene	20.8		5.6	0.77
142-28-9	1,3-Dichloropropane	43.5		5.6	0.45
106-46-7	1,4-Dichlorobenzene	20.0		5.6	0.31
594-20-7	2,2-Dichloropropane	50.4		5.6	0.49
78-93-3	2-Butanone (MEK)	106		22	1.3
110-75-8	2-Chloroethyl vinyl ether	39.9	J	56	0.72
95-49-8	2-Chlorotoluene	24.1		5.6	0.34
591-78-6	2-Hexanone	103		22	0.76
106-43-4	4-Chlorotoluene	21.3		5.6	0.29
99-87-6	p-Isopropyltoluene	20.0		5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	117		22	1.4
67-64-1	Acetone	125		22	6.4
71-43-2	Benzene	47.6		5.6	1.0
108-86-1	Bromobenzene	28.4		5.6	0.37
75-25-2	Bromoform	42.8		5.6	0.27
74-83-9	Bromomethane	17.9		5.6	0.47
75-15-0	Carbon disulfide	45.7		5.6	0.66
56-23-5	Carbon tetrachloride	56.7		5.6	0.73
108-90-7	Chlorobenzene	31.6		5.6	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 147328.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.47(g) | Date Analyzed: 12/30/2015 22:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	43.6		5.6	0.41
75-00-3	Chloroethane	19.1		5.6	0.49
67-66-3	Chloroform	49.0		5.6	0.40
74-87-3	Chloromethane	22.6		5.6	0.89
156-59-2	cis-1,2-Dichloroethene	47.7		5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	41.8		5.6	0.80
74-95-3	Dibromomethane	46.2		5.6	0.47
74-97-5	Bromochloromethane	46.8		5.6	0.37
75-71-8	Dichlorodifluoromethane	24.1		5.6	0.31
75-27-4	Bromodichloromethane	47.1		5.6	0.32
75-65-0	tert-Butyl alcohol (TBA)	541		220	6.4
100-41-4	Ethylbenzene	31.4		5.6	0.36
87-68-3	Hexachlorobutadiene	12.2		5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	28.6		5.6	0.22
1634-04-4	Methyl tert-butyl ether	53.0		5.6	0.48
75-09-2	Methylene Chloride	45.3		5.6	0.83
179601-23-1	m-Xylene & p-Xylene	34.9		11	0.47
91-20-3	Naphthalene	31.3		5.6	0.39
104-51-8	n-Butylbenzene	15.6		5.6	0.66
103-65-1	N-Propylbenzene	23.4		5.6	0.67
95-47-6	o-Xylene	33.9		5.6	0.64
135-98-8	sec-Butylbenzene	21.4		5.6	1.0
100-42-5	Styrene	28.1		5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	34.7		5.6	0.90
108-88-3	Toluene	40.2		5.6	0.30
156-60-5	trans-1,2-Dichloroethene	48.3		5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	38.8		5.6	0.32
79-01-6	Trichloroethene	44.3		5.6	0.43
75-69-4	Trichlorofluoromethane	24.7		5.6	0.32
108-05-4	Vinyl acetate	43.6		11	0.74
75-01-4	Vinyl chloride	21.8		5.6	0.34
1330-20-7	Xylenes, Total	68.8		11	0.61
98-06-6	tert-Butylbenzene	25.3		5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 147328.D

Analysis Method: 8260C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.47(g) | Date Analyzed: 12/30/2015 22:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212606 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	43.9		5.6	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59545-B-2 MSD

Matrix: Water | Lab File ID: UXC5611.D

Analysis Method: 8260C | Date Collected: 12/29/2015 16:48

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 17:23

Soil Aliquot Vol: | Dilution Factor: 500

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4480		500	220
79-34-5	1,1,2,2-Tetrachloroethane	4970		500	110
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5180		500	230
75-34-3	1,1-Dichloroethane	10800		500	150
75-35-4	1,1-Dichloroethene	5020		500	230
120-82-1	1,2,4-Trichlorobenzene	4280		500	160
96-12-8	1,2-Dibromo-3-Chloropropane	3860		1000	410
95-50-1	1,2-Dichlorobenzene	4610		500	130
107-06-2	1,2-Dichloroethane	4960		500	120
78-87-5	1,2-Dichloropropane	4910		500	130
541-73-1	1,3-Dichlorobenzene	4550		500	95
106-46-7	1,4-Dichlorobenzene	4580		500	140
78-93-3	2-Butanone (MEK)	9840		5000	270
591-78-6	2-Hexanone	8950		5000	240
108-10-1	4-Methyl-2-pentanone (MIBK)	9860		5000	500
67-64-1	Acetone	8100		5000	470
71-43-2	Benzene	4820		500	180
75-25-2	Bromoform	3200		500	280
74-83-9	Bromomethane	5100		500	220
75-15-0	Carbon disulfide	4730		500	190
56-23-5	Carbon tetrachloride	4200		500	220
108-90-7	Chlorobenzene	4690		500	130
124-48-1	Dibromochloromethane	3960		500	220
75-00-3	Chloroethane	5260		500	160
67-66-3	Chloroform	4950		500	130
74-87-3	Chloromethane	4860		500	220
156-59-2	cis-1,2-Dichloroethene	18400		500	130
10061-01-5	cis-1,3-Dichloropropene	4610		500	230
75-71-8	Dichlorodifluoromethane	4070		500	160
75-27-4	Bromodichloromethane	4410		500	150
100-41-4	Ethylbenzene	4850		500	130
98-82-8	Isopropylbenzene	4950		500	180
1634-04-4	Methyl tert-butyl ether	4740		500	100
75-09-2	Methylene Chloride	4590		500	170
179601-23-1	m-Xylene & p-Xylene	4800		1000	120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59545-B-2 MSD

Matrix: Water | Lab File ID: UXC5611.D

Analysis Method: 8260C | Date Collected: 12/29/2015 16:48

Sample wt/vol: 5(mL) | Date Analyzed: 01/04/2016 17:23

Soil Aliquot Vol: | Dilution Factor: 500

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 212893 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-47-6	o-Xylene	4820		500	130
100-42-5	Styrene	4900		500	230
127-18-4	Tetrachloroethene	4620		500	160
108-88-3	Toluene	4620		500	120
156-60-5	trans-1,2-Dichloroethene	5740		500	150
10061-02-6	trans-1,3-Dichloropropene	4270		500	280
79-01-6	Trichloroethene	4960		500	110
75-69-4	Trichlorofluoromethane	4740		500	250
75-01-4	Vinyl chloride	9380		500	150
1330-20-7	Xylenes, Total	9620		1000	260
106-93-4	1,2-Dibromoethane	4900		500	160

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		79-120
460-00-4	4-Bromofluorobenzene (Surr)	116		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-125

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A3UX14 Start Date: 12/30/2015 11:47

Analysis Batch Number: 212606 End Date: 12/30/2015 23:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-212606/29		12/30/2015 11:47	1	BFB14175.D	DB-624 0.18(mm)
IC 240-212606/3		12/30/2015 12:29	1	147300.D	DB-624 0.18(mm)
IC 240-212606/4		12/30/2015 12:50	1	147301.D	DB-624 0.18(mm)
IC 240-212606/5		12/30/2015 13:12	1	147302.D	DB-624 0.18(mm)
ICIS 240-212606/6		12/30/2015 13:33	1	147303.D	DB-624 0.18(mm)
IC 240-212606/7		12/30/2015 13:55	1	147304.D	DB-624 0.18(mm)
IC 240-212606/8		12/30/2015 14:16	1	147305.D	DB-624 0.18(mm)
IC 240-212606/9		12/30/2015 14:38	1	147306.D	DB-624 0.18(mm)
IC 240-212606/10		12/30/2015 14:59	1	147307.D	DB-624 0.18(mm)
IC 240-212606/11		12/30/2015 15:21	1	147308.D	DB-624 0.18(mm)
IC 240-212606/12		12/30/2015 15:42	1	147309.D	DB-624 0.18(mm)
IC 240-212606/13		12/30/2015 16:04	1	147310.D	DB-624 0.18(mm)
IC 240-212606/14		12/30/2015 16:25	1	147311.D	DB-624 0.18(mm)
IC 240-212606/15		12/30/2015 16:47	1	147312.D	DB-624 0.18(mm)
IC 240-212606/16		12/30/2015 17:08	1	147313.D	DB-624 0.18(mm)
IC 240-212606/17		12/30/2015 17:30	1	147314.D	DB-624 0.18(mm)
IC 240-212606/18		12/30/2015 17:51	1	147315.D	DB-624 0.18(mm)
IC 240-212606/19		12/30/2015 18:13	1	147316.D	DB-624 0.18(mm)
IC 240-212606/20		12/30/2015 18:34	1	147317.D	DB-624 0.18(mm)
ICV 240-212606/21		12/30/2015 18:56	1	147318.D	DB-624 0.18(mm)
ICV 240-212606/22		12/30/2015 19:17	1	147319.D	DB-624 0.18(mm)
LCS 240-212606/23		12/30/2015 19:39	1	147320.D	DB-624 0.18(mm)
MB 240-212606/24		12/30/2015 20:00	1	147321.D	DB-624 0.18(mm)
LCS 240-212606/25		12/30/2015 20:22	1	147322.D	DB-624 0.18(mm)
ZZZZZ		12/30/2015 20:43	1		DB-624 0.18(mm)
ZZZZZ		12/30/2015 21:05	1		DB-624 0.18(mm)
ZZZZZ		12/30/2015 21:26	1		DB-624 0.18(mm)
240-59482-2	F-VB-UST-P-7	12/30/2015 21:48	1	147326.D	DB-624 0.18(mm)
240-59482-2 MS	F-VB-UST-P-7 MS	12/30/2015 22:09	1	147327.D	DB-624 0.18(mm)
240-59482-2 MSD	F-VB-UST-P-7 MSD	12/30/2015 22:31	1	147328.D	DB-624 0.18(mm)
240-59482-3	F-VB-UST-P-8	12/30/2015 23:14	1	147330.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A3UX15 Start Date: 12/14/2015 12:30

Analysis Batch Number: 210738 End Date: 12/14/2015 20:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-210738/1		12/14/2015 12:30	1	BFB496.D	DB-624 0.18(mm)
STD8260 240-210738/2 IC		12/14/2015 13:08	1	UXC5222A.D	DB-624 0.18(mm)
STD8260 240-210738/3 IC		12/14/2015 13:31	1	UXC5223.D	DB-624 0.18(mm)
STD8260 240-210738/4 ICIS		12/14/2015 13:54	1	UXC5224.D	DB-624 0.18(mm)
STD8260 240-210738/5 IC		12/14/2015 14:16	1	UXC5225.D	DB-624 0.18(mm)
STD8260 240-210738/6 IC		12/14/2015 14:39	1	UXC5226.D	DB-624 0.18(mm)
STD8260 240-210738/7 IC		12/14/2015 15:01	1	UXC5227.D	DB-624 0.18(mm)
ICV 240-210738/14		12/14/2015 15:24	1	UXC5228.D	DB-624 0.18(mm)
STD 240-210738/8 IC		12/14/2015 15:47	1	UXC5229.D	DB-624 0.18(mm)
STD 240-210738/9 IC		12/14/2015 16:09	1	UXC5230.D	DB-624 0.18(mm)
STD 240-210738/10 IC		12/14/2015 16:32	1	UXC5231.D	DB-624 0.18(mm)
STD 240-210738/11 IC		12/14/2015 16:55	1	UXC5232.D	DB-624 0.18(mm)
STD 240-210738/12 IC		12/14/2015 17:17	1	UXC5233.D	DB-624 0.18(mm)
STD 240-210738/13 IC		12/14/2015 17:40	1	UXC5234.D	DB-624 0.18(mm)
ICV 240-210738/15		12/14/2015 18:03	1	UXC5235.D	DB-624 0.18(mm)
STDTHT 240-210738/17 IC		12/14/2015 18:47	1		DB-624 0.18(mm)
STDTHT 240-210738/18 IC		12/14/2015 19:10	1		DB-624 0.18(mm)
STDTHT 240-210738/19 IC		12/14/2015 19:32	1		DB-624 0.18(mm)
STDTHT 240-210738/20 IC		12/14/2015 19:55	1		DB-624 0.18(mm)
STDTHT 240-210738/21 IC		12/14/2015 20:18	1		DB-624 0.18(mm)
STDTHT 240-210738/22 IC		12/14/2015 20:40	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A3UX15 Start Date: 01/04/2016 09:30

Analysis Batch Number: 212893 End Date: 01/04/2016 18:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-212893/1		01/04/2016 09:30	1	BFB505.D	DB-624 0.18(mm)
CCVIS 240-212893/2		01/04/2016 09:55	1	UXC5592.D	DB-624 0.18(mm)
LCS 240-212893/5		01/04/2016 10:18	1	UXC5593.D	DB-624 0.18(mm)
CCV 240-212893/3		01/04/2016 10:41	1	UXC5594.D	DB-624 0.18(mm)
ZZZZZ		01/04/2016 11:03	1		DB-624 0.18(mm)
MB 240-212893/8		01/04/2016 11:26	1	UXC5596.D	DB-624 0.18(mm)
240-59482-1	TB-122815	01/04/2016 12:07	1	UXC5597.D	DB-624 0.18(mm)
ZZZZZ		01/04/2016 12:30	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 12:52	66.67		DB-624 0.18(mm)
ZZZZZ		01/04/2016 13:15	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 13:37	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 14:45	11.76		DB-624 0.18(mm)
ZZZZZ		01/04/2016 15:07	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 15:30	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 16:15	1		DB-624 0.18(mm)
ZZZZZ		01/04/2016 16:38	500		DB-624 0.18(mm)
240-59545-B-2 MS		01/04/2016 17:00	500	UXC5610.D	DB-624 0.18(mm)
240-59545-B-2 MSD		01/04/2016 17:23	500	UXC5611.D	DB-624 0.18(mm)
ZZZZZ		01/04/2016 17:45	166.67		DB-624 0.18(mm)
ZZZZZ		01/04/2016 18:08	166.67		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212657 Batch Start Date: 12/30/15 14:25 Batch Analyst: Macenczak, Steven

Batch Method: 5030C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
240-59482-2	F-VB-UST-P-7	5030C, 8260C	T	5.26 g	5 mL				
240-59482-2 MS	F-VB-UST-P-7	5030C, 8260C	T	5.65 g	5 mL				
240-59482-2 MSD	F-VB-UST-P-7	5030C, 8260C	T	5.47 g	5 mL				
240-59482-3	F-VB-UST-P-8	5030C, 8260C	T	5.43 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270D

Semivolatile Organic Compounds (GC/MS) by Method 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
F-VB-UST-P-7	240-59482-2	81	83	80	77	88	87
F-VB-UST-P-8	240-59482-3	83	85	81	77	101	87
	MB 240-212548/7-A	81	86	79	78	80	89
	LCS 240-212548/8-A	77	80	82	74	90	81
F-VB-UST-P-7 MS	240-59482-2 MS	78	80	84	77	101	89
F-VB-UST-P-7 MSD	240-59482-2 MSD	77	79	86	78	90	89

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231004.D

Lab ID: LCS 240-212548/8-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	494	74	35-110	
bis (2-chloroisopropyl) ether	667	493	74	29-110	
2,4,5-Trichlorophenol	667	502	75	25-110	
2,4,6-Trichlorophenol	667	520	78	12-110	
2,4-Dichlorophenol	667	517	78	39-110	
2,4-Dimethylphenol	667	505	76	29-110	
2,4-Dinitrophenol	1330	563	42	10-110	
2,4-Dinitrotoluene	667	582	87	48-110	
2,6-Dinitrotoluene	667	568	85	45-110	
2-Chloronaphthalene	667	499	75	32-110	
2-Chlorophenol	667	524	79	37-110	
2-Methylnaphthalene	667	514	77	36-110	
2-Methylphenol	667	526	79	41-110	
2-Nitroaniline	667	606	91	45-110	
2-Nitrophenol	667	577	87	34-110	
3,3'-Dichlorobenzidine	1330	1100	82	28-110	
3-Nitroaniline	667	536	80	44-110	
4,6-Dinitro-2-methylphenol	1330	1000	75	10-110	
4-Bromophenyl phenyl ether	667	554	83	39-110	
4-Chloro-3-methylphenol	667	558	84	48-110	
4-Chloroaniline	667	441	66	30-110	
4-Chlorophenyl phenyl ether	667	513	77	40-110	
4-Nitroaniline	667	630	94	48-110	
4-Nitrophenol	1330	1450	109	28-110	
Acenaphthene	667	501	75	38-110	
Acenaphthylene	667	491	74	40-110	
Acetophenone	667	498	75	40-110	
Anthracene	667	528	79	48-110	
Atrazine	1330	1330	100	54-120	
Benzaldehyde	1330	1090	82	32-110	
Benzo[a]anthracene	667	537	80	50-110	
Benzo[a]pyrene	667	522	78	44-110	
Benzo[b]fluoranthene	667	524	79	43-110	
Benzo[g,h,i]perylene	667	567	85	51-110	
Benzo[k]fluoranthene	667	525	79	38-105	
Bis(2-chloroethoxy)methane	667	546	82	32-110	
Bis(2-chloroethyl)ether	667	501	75	34-110	
Bis(2-ethylhexyl) phthalate	667	642	96	50-110	
Butyl benzyl phthalate	667	609	91	51-110	
Caprolactam	1330	1140	85	44-114	
Carbazole	667	638	96	50-110	
Chrysene	667	544	82	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231004.D

Lab ID: LCS 240-212548/8-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	581	87	51-110	
Dibenzofuran	667	503	75	43-110	
Diethyl phthalate	667	563	84	52-110	
Dimethyl phthalate	667	550	82	50-110	
Di-n-butyl phthalate	667	708	106	51-110	
Di-n-octyl phthalate	667	571	86	48-110	
Fluoranthene	667	589	88	51-110	
Fluorene	667	465	70	46-110	
Hexachlorobenzene	667	523	79	43-110	
Hexachlorobutadiene	667	515	77	29-110	
Hexachlorocyclopentadiene	667	399	60	12-110	
Hexachloroethane	667	520	78	30-110	
Indeno[1,2,3-cd]pyrene	667	574	86	50-110	
Isophorone	667	555	83	36-110	
N-Nitrosodi-n-propylamine	667	544	82	38-110	
N-Nitrosodiphenylamine	1330	1100	82	46-110	
Naphthalene	667	501	75	36-110	
Nitrobenzene	667	545	82	32-110	
Pentachlorophenol	1330	1110	83	10-110	
Phenanthrene	667	530	79	49-110	
Phenol	667	505	76	38-110	
Pyrene	667	574	86	49-110	
3 & 4 Methylphenol	667	516	77	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231009.D

Lab ID: 240-59482-2 MS Client ID: F-VB-UST-P-7 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	826	4.3 U	631	76	32-110	
bis (2-chloroisopropyl) ether	826	12 U	607	73	11-110	
2,4,5-Trichlorophenol	826	31 U	627	76	10-117	
2,4,6-Trichlorophenol	826	11 U	670	81	10-110	
2,4-Dichlorophenol	826	24 U	640	77	10-110	
2,4-Dimethylphenol	826	24 U	717	87	10-110	
2,4-Dinitrophenol	1650	26 U	1550	94	10-110	
2,4-Dinitrotoluene	826	21 U	788	95	32-110	
2,6-Dinitrotoluene	826	26 U	752	91	35-110	
2-Chloronaphthalene	826	0.55 U	636	77	28-110	
2-Chlorophenol	826	10 U	631	76	10-110	
2-Methylnaphthalene	826	0.61 U	629	76	10-133	
2-Methylphenol	826	13 U	623	75	24-110	
2-Nitroaniline	826	11 U	808	98	39-110	
2-Nitrophenol	826	10 U	710	86	10-110	
3,3'-Dichlorobenzidine	1650	22 U	1320	80	10-110	
3-Nitroaniline	826	20 U	490	59	10-110	
4,6-Dinitro-2-methylphenol	1650	11 U	1620	98	10-110	
4-Bromophenyl phenyl ether	826	16 U	767	93	33-110	
4-Chloro-3-methylphenol	826	26 U	727	88	25-110	
4-Chloroaniline	826	21 U	396	48	10-110	
4-Chlorophenyl phenyl ether	826	16 U	672	81	32-110	
4-Nitroaniline	826	32 U	664	80	10-110	
4-Nitrophenol	1650	21 U	2010	122	10-113	F1
Acenaphthene	826	0.93 U	648	78	22-110	
Acenaphthylene	826	0.43 U	654	79	24-110	
Acetophenone	826	11 U	652	79	31-110	
Anthracene	826	0.95 U	711	86	20-110	
Atrazine	1650	11 U	1730	105	45-118	
Benzaldehyde	1650	15 U	1330	81	23-110	
Benzo[a]anthracene	826	0.77 U	711	86	10-122	
Benzo[a]pyrene	826	0.78 U	713	86	10-110	
Benzo[b]fluoranthene	826	0.72 U	746	90	12-118	
Benzo[g,h,i]perylene	826	0.43 U	819	99	10-117	
Benzo[k]fluoranthene	826	0.83 U	712	86	10-121	
Bis(2-chloroethoxy)methane	826	27 U	681	82	26-110	
Bis(2-chloroethyl)ether	826	2.4 U	697	84	21-110	
Bis(2-ethylhexyl) phthalate	826	160	861	85	40-110	
Butyl benzyl phthalate	826	12 U	822	100	44-110	
Caprolactam	1650	45 U	1490	90	10-134	
Carbazole	826	33 U	763	92	34-110	
Chrysene	826	1.3 U	717	87	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231009.D

Lab ID: 240-59482-2 MS Client ID: F-VB-UST-P-7 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	826	0.81 U	844	102	14-113	
Dibenzofuran	826	0.81 U	669	81	29-110	
Diethyl phthalate	826	20 U	779	94	42-110	
Dimethyl phthalate	826	21 U	741	90	41-110	
Di-n-butyl phthalate	826	30 J	937	110	43-110	
Di-n-octyl phthalate	826	9.7 U	794	96	24-119	
Fluoranthene	826	9.3	781	93	10-110	
Fluorene	826	0.65 U	631	76	23-110	
Hexachlorobenzene	826	2.6 U	709	86	34-110	
Hexachlorobutadiene	826	6.9 U	629	76	25-110	
Hexachlorocyclopentadiene	826	9.9 U	333 J	40	10-110	
Hexachloroethane	826	11 U	617	75	12-110	
Indeno[1,2,3-cd]pyrene	826	0.43 U	811	98	10-114	
Isophorone	826	21 J	676	79	29-110	
N-Nitrosodi-n-propylamine	826	7.7 U	674	82	26-110	
N-Nitrosodiphenylamine	1650	26 U	1440	87	22-110	
Naphthalene	826	4.3 J	612	74	10-111	
Nitrobenzene	826	2.7 U	676	82	23-110	
Pentachlorophenol	1650	11 U	1520	92	10-110	
Phenanthrene	826	9.3	715	85	10-166	
Phenol	826	8.9 U	601	73	17-110	
Pyrene	826	7.9 J	773	93	10-147	
3 & 4 Methylphenol	826	24 U	613	74	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231010.D

Lab ID: 240-59482-2 MSD Client ID: F-VB-UST-P-7 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	816	636	78	1	32	32-110	
bis (2-chloroisopropyl) ether	816	617	76	2	42	11-110	
2,4,5-Trichlorophenol	816	643	79	3	99	10-117	
2,4,6-Trichlorophenol	816	636	78	5	38	10-110	
2,4-Dichlorophenol	816	646	79	1	34	10-110	
2,4-Dimethylphenol	816	684	84	5	31	10-110	
2,4-Dinitrophenol	1630	1450	89	7	99	10-110	
2,4-Dinitrotoluene	816	801	98	2	30	32-110	
2,6-Dinitrotoluene	816	742	91	1	30	35-110	
2-Chloronaphthalene	816	636	78	0	30	28-110	
2-Chlorophenol	816	640	78	1	47	10-110	
2-Methylnaphthalene	816	641	78	2	42	10-133	
2-Methylphenol	816	638	78	2	51	24-110	
2-Nitroaniline	816	791	97	2	31	39-110	
2-Nitrophenol	816	752	92	6	49	10-110	
3,3'-Dichlorobenzidine	1630	1470	90	11	56	10-110	
3-Nitroaniline	816	589	72	18	30	10-110	
4,6-Dinitro-2-methylphenol	1630	1590	97	2	55	10-110	
4-Bromophenyl phenyl ether	816	736	90	4	30	33-110	
4-Chloro-3-methylphenol	816	726	89	0	54	25-110	
4-Chloroaniline	816	378	46	5	36	10-110	
4-Chlorophenyl phenyl ether	816	665	81	1	30	32-110	
4-Nitroaniline	816	799	98	18	48	10-110	
4-Nitrophenol	1630	1740	107	14	49	10-113	
Acenaphthene	816	636	78	2	99	22-110	
Acenaphthylene	816	646	79	1	99	24-110	
Acetophenone	816	648	79	1	43	31-110	
Anthracene	816	704	86	1	99	20-110	
Atrazine	1630	1740	107	1	30	45-118	
Benzaldehyde	1630	1270	78	4	42	23-110	
Benzo[a]anthracene	816	731	90	3	99	10-122	
Benzo[a]pyrene	816	714	87	0	99	10-110	
Benzo[b]fluoranthene	816	738	90	1	99	12-118	
Benzo[g,h,i]perylene	816	783	96	4	99	10-117	
Benzo[k]fluoranthene	816	716	88	1	99	10-121	
Bis(2-chloroethoxy)methane	816	683	84	0	37	26-110	
Bis(2-chloroethyl)ether	816	637	78	9	55	21-110	
Bis(2-ethylhexyl) phthalate	816	938	95	9	30	40-110	
Butyl benzyl phthalate	816	832	102	1	30	44-110	
Caprolactam	1630	1500	92	1	32	10-134	
Carbazole	816	828	101	8	30	34-110	
Chrysene	816	734	90	2	99	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51231010.D

Lab ID: 240-59482-2 MSD Client ID: F-VB-UST-P-7 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibenz(a,h)anthracene	816	805	99	5	99	14-113	
Dibenzofuran	816	656	80	2	30	29-110	
Diethyl phthalate	816	764	94	2	30	42-110	
Dimethyl phthalate	816	730	89	1	30	41-110	
Di-n-butyl phthalate	816	939	111	0	30	43-110	F1
Di-n-octyl phthalate	816	788	97	1	30	24-119	
Fluoranthene	816	787	95	1	99	10-110	
Fluorene	816	619	76	2	99	23-110	
Hexachlorobenzene	816	682	83	4	30	34-110	
Hexachlorobutadiene	816	683	84	8	34	25-110	
Hexachlorocyclopentadiene	816	302 J	37	10	79	10-110	
Hexachloroethane	816	646	79	5	50	12-110	
Indeno[1,2,3-cd]pyrene	816	782	96	4	99	10-114	
Isophorone	816	691	82	2	38	29-110	
N-Nitrosodi-n-propylamine	816	684	84	1	42	26-110	
N-Nitrosodiphenylamine	1630	1420	87	2	30	22-110	
Naphthalene	816	623	76	2	99	10-111	
Nitrobenzene	816	680	83	1	41	23-110	
Pentachlorophenol	1630	1280	79	17	50	10-110	
Phenanthrene	816	706	85	1	99	10-166	
Phenol	816	623	76	4	53	17-110	
Pyrene	816	766	93	1	99	10-147	
3 & 4 Methylphenol	816	618	76	1	50	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: 51231003.D Lab Sample ID: MB 240-212548/7-A

Matrix: Solid Date Extracted: 12/30/2015 07:05

Instrument ID: A4HP9 Date Analyzed: 12/31/2015 10:02

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-212548/8-A	51231004.D	12/31/2015 10:53
F-VB-UST-P-8	240-59482-3	51231007.D	12/31/2015 12:08
F-VB-UST-P-7	240-59482-2	51231008.D	12/31/2015 12:33
F-VB-UST-P-7 MS	240-59482-2 MS	51231009.D	12/31/2015 12:58
F-VB-UST-P-7 MSD	240-59482-2 MSD	51231010.D	12/31/2015 13:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: 51222001.D DFTPP Injection Date: 12/22/2015

Instrument ID: A4HP9 DFTPP Injection Time: 12:26

Analysis Batch No.: 211933

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	56.1	
68	Less than 2.0% of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	59.9	
70	Less than 2.0% of mass 69	0.3	(0.4) 1
127	25.0 - 75.0% of mass 198	63.4	
197	Less than 1.0% of mass 198	0.2	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	21.7	
365	Greater than 0.75% of mass 198	2.8	
441	Present, but less than mass 443	10.0	
442	40.0 - 110.0% of mass 198	61.9	
443	15.0 - 24.0% of mass 442	12.0	(19.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-211933/2	51222002.D	12/22/2015	12:48
	STD4 240-211933/3	51222003.D	12/22/2015	13:13
	STD3 240-211933/4	51222004.D	12/22/2015	13:39
	STD2 240-211933/5	51222005.D	12/22/2015	14:04
	STD1 240-211933/6	51222006.D	12/22/2015	14:30
	STD9 240-211933/7	51222007.D	12/22/2015	14:56
	STD8 240-211933/8	51222008.D	12/22/2015	15:21
	STD7 240-211933/9	51222009.D	12/22/2015	15:47
	STD6 240-211933/10	51222010.D	12/22/2015	16:12
	ICV 240-211933/11	51222011.D	12/22/2015	16:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab File ID: 51231001.D DFTPP Injection Date: 12/31/2015

Instrument ID: A4HP9 DFTPP Injection Time: 09:15

Analysis Batch No.: 212723

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	62.8	
68	Less than 2.0% of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	65.2	
70	Less than 2.0% of mass 69	0.3	(0.5) 1
127	25.0 - 75.0% of mass 198	71.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0- 30.0% of mass 198	23.7	
365	Greater than 0.75% of mass 198	3.7	
441	Present, but less than mass 443	13.8	
442	40.0 - 110.0% of mass 198	87.2	
443	15.0 - 24.0% of mass 442	16.6	(19.1) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-212723/2	51231002.D	12/31/2015	09:36
	MB 240-212548/7-A	51231003.D	12/31/2015	10:02
	LCS 240-212548/8-A	51231004.D	12/31/2015	10:53
F-VB-UST-P-8	240-59482-3	51231007.D	12/31/2015	12:08
F-VB-UST-P-7	240-59482-2	51231008.D	12/31/2015	12:33
F-VB-UST-P-7 MS	240-59482-2 MS	51231009.D	12/31/2015	12:58
F-VB-UST-P-7 MSD	240-59482-2 MSD	51231010.D	12/31/2015	13:23

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: STD6 240-211933/10 Date Analyzed: 12/22/2015 16:12

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51222010.D Heated Purge: (Y/N) N

Calibration ID: 32225

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		239791	6.57	975433	7.68	511807	9.19
UPPER LIMIT		479582	7.07	1950866	8.18	1023614	9.69
LOWER LIMIT		119896	6.07	487717	7.18	255904	8.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-211933/11		264514	6.57	1093427	7.68	567798	9.19
CCV 240-212723/2 CCVIS		218841	6.47	880111	7.59	457488	9.09

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: STD6 240-211933/10 Date Analyzed: 12/22/2015 16:12

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51222010.D Heated Purge: (Y/N) N

Calibration ID: 32225

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		747104	10.46	847010	12.81	728741	14.76
UPPER LIMIT		1494208	10.96	1694020	13.31	1457482	15.26
LOWER LIMIT		373552	9.96	423505	12.31	364371	14.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-211933/11		847727	10.46	949631	12.81	828488	14.76
CCV 240-212723/2 CCVIS		698427	10.36	724352	12.67	651306	14.52

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCV 240-212723/2 Date Analyzed: 12/31/2015 09:36

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51231002.D Heated Purge: (Y/N) N

Calibration ID: 32229

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		218841	6.47	880111	7.59	457488	9.09
UPPER LIMIT		437682	6.97	1760222	8.09	914976	9.59
LOWER LIMIT		109421	5.97	440056	7.09	228744	8.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-212548/7-A		163289	6.47	698467	7.58	371239	9.09
LCS 240-212548/8-A		191356	6.47	779708	7.58	422992	9.09
240-59482-3	F-VB-UST-P-8	168300	6.47	688973	7.58	370596	9.08
240-59482-2	F-VB-UST-P-7	174672	6.47	714524	7.58	382972	9.09
240-59482-2 MS	F-VB-UST-P-7 MS	169885	6.47	690559	7.58	362728	9.09
240-59482-2 MSD	F-VB-UST-P-7 MSD	179051	6.47	726872	7.58	390035	9.09

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCV 240-212723/2 Date Analyzed: 12/31/2015 09:36

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51231002.D Heated Purge: (Y/N) N

Calibration ID: 32229

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		698427	10.36	724352	12.67	651306	14.52
UPPER LIMIT		1396854	10.86	1448704	13.17	1302612	15.02
LOWER LIMIT		349214	9.86	362176	12.17	325653	14.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-212548/7-A		583813	10.36	592138	12.66	528025	14.52
LCS 240-212548/8-A		631254	10.36	681934	12.67	618178	14.52
240-59482-3	F-VB-UST-P-8	574436	10.36	606579	12.66	544844	14.52
240-59482-2	F-VB-UST-P-7	608076	10.36	617593	12.67	544288	14.52
240-59482-2 MS	F-VB-UST-P-7 MS	552277	10.36	586705	12.67	525748	14.52
240-59482-2 MSD	F-VB-UST-P-7 MSD	597920	10.36	637615	12.67	575735	14.52

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 51231008.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.06(g) | Date Analyzed: 12/31/2015 12:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.3	U	61	4.3
108-60-1	bis (2-chloroisopropyl) ether	12	U	120	12
95-95-4	2,4,5-Trichlorophenol	31	U	180	31
88-06-2	2,4,6-Trichlorophenol	11	U	180	11
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	26	U	400	26
121-14-2	2,4-Dinitrotoluene	21	U	240	21
606-20-2	2,6-Dinitrotoluene	26	U	240	26
91-58-7	2-Chloronaphthalene	0.55	U	61	0.55
95-57-8	2-Chlorophenol	10	U	61	10
91-57-6	2-Methylnaphthalene	0.61	U	8.2	0.61
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	10	U	61	10
91-94-1	3,3'-Dichlorobenzidine	22	U	120	22
99-09-2	3-Nitroaniline	20	U	240	20
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	16	U	61	16
59-50-7	4-Chloro-3-methylphenol	26	U	180	26
106-47-8	4-Chloroaniline	21	U	180	21
7005-72-3	4-Chlorophenyl phenyl ether	16	U	61	16
100-01-6	4-Nitroaniline	32	U	240	32
100-02-7	4-Nitrophenol	21	U F1	400	21
83-32-9	Acenaphthene	0.93	U	8.2	0.93
208-96-8	Acenaphthylene	0.43	U	8.2	0.43
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	0.95	U	8.2	0.95
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	15	U	120	15
56-55-3	Benzo[a]anthracene	0.77	U	8.2	0.77
50-32-8	Benzo[a]pyrene	0.78	U	8.2	0.78
205-99-2	Benzo[b]fluoranthene	0.72	U	8.2	0.72
191-24-2	Benzo[g,h,i]perylene	0.43	U	8.2	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 51231008.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.06(g) | Date Analyzed: 12/31/2015 12:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.83	U	8.2	0.83
111-91-1	Bis(2-chloroethoxy)methane	27	U	120	27
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	160	B	86	23
85-68-7	Butyl benzyl phthalate	12	U	86	12
105-60-2	Caprolactam	45	U	400	45
86-74-8	Carbazole	33	U	61	33
218-01-9	Chrysene	1.3	U	8.2	1.3
53-70-3	Dibenz(a,h)anthracene	0.81	U	8.2	0.81
132-64-9	Dibenzofuran	0.81	U	61	0.81
84-66-2	Diethyl phthalate	20	U	86	20
131-11-3	Dimethyl phthalate	21	U	86	21
84-74-2	Di-n-butyl phthalate	30	J B F1	86	18
117-84-0	Di-n-octyl phthalate	9.7	U	86	9.7
206-44-0	Fluoranthene	9.3		8.2	0.67
86-73-7	Fluorene	0.65	U	8.2	0.65
118-74-1	Hexachlorobenzene	2.6	U	8.2	2.6
87-68-3	Hexachlorobutadiene	6.9	U	61	6.9
77-47-4	Hexachlorocyclopentadiene	9.9	U	400	9.9
67-72-1	Hexachloroethane	11	U	61	11
193-39-5	Indeno[1,2,3-cd]pyrene	0.43	U	8.2	0.43
78-59-1	Isophorone	21	J B	61	16
621-64-7	N-Nitrosodi-n-propylamine	7.7	U	61	7.7
86-30-6	N-Nitrosodiphenylamine	26	U	61	26
91-20-3	Naphthalene	4.3	J	8.2	1.0
98-95-3	Nitrobenzene	2.7	U	120	2.7
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	9.3		8.2	0.89
108-95-2	Phenol	8.9	U	61	8.9
129-00-0	Pyrene	7.9	J	8.2	0.54
15831-10-4	3 & 4 Methylphenol	24	U	490	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: 51231008.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.06(g) | Date Analyzed: 12/31/2015 12:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	87		36-110
4165-62-2	Phenol-d5 (Surr)	83		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	80		20-110
367-12-4	2-Fluorophenol (Surr)	81		24-110
321-60-8	2-Fluorobiphenyl (Surr)	77		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 51231007.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:30

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.35(g) | Date Analyzed: 12/31/2015 12:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	4.1	U	59	4.1
108-60-1	bis (2-chloroisopropyl) ether	11	U	120	11
95-95-4	2,4,5-Trichlorophenol	29	U	180	29
88-06-2	2,4,6-Trichlorophenol	10	U	180	10
120-83-2	2,4-Dichlorophenol	24	U	180	24
105-67-9	2,4-Dimethylphenol	24	U	180	24
51-28-5	2,4-Dinitrophenol	25	U	390	25
121-14-2	2,4-Dinitrotoluene	20	U	240	20
606-20-2	2,6-Dinitrotoluene	25	U	240	25
91-58-7	2-Chloronaphthalene	0.53	U	59	0.53
95-57-8	2-Chlorophenol	9.7	U	59	9.7
91-57-6	2-Methylnaphthalene	53		7.9	0.59
95-48-7	2-Methylphenol	13	U	240	13
88-74-4	2-Nitroaniline	11	U	240	11
88-75-5	2-Nitrophenol	9.8	U	59	9.8
91-94-1	3,3'-Dichlorobenzidine	21	U	120	21
99-09-2	3-Nitroaniline	19	U	240	19
534-52-1	4,6-Dinitro-2-methylphenol	11	U	180	11
101-55-3	4-Bromophenyl phenyl ether	15	U	59	15
59-50-7	4-Chloro-3-methylphenol	25	U	180	25
106-47-8	4-Chloroaniline	20	U	180	20
7005-72-3	4-Chlorophenyl phenyl ether	15	U	59	15
100-01-6	4-Nitroaniline	31	U	240	31
100-02-7	4-Nitrophenol	20	U	390	20
83-32-9	Acenaphthene	63		7.9	0.90
208-96-8	Acenaphthylene	0.41	U	7.9	0.41
98-86-2	Acetophenone	11	U	120	11
120-12-7	Anthracene	97		7.9	0.92
1912-24-9	Atrazine	11	U	240	11
100-52-7	Benzaldehyde	14	U	120	14
56-55-3	Benzo[a]anthracene	140		7.9	0.74
50-32-8	Benzo[a]pyrene	100		7.9	0.75
205-99-2	Benzo[b]fluoranthene	180		7.9	0.70
191-24-2	Benzo[g,h,i]perylene	51		7.9	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 51231007.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:30

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.35(g) | Date Analyzed: 12/31/2015 12:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	47		7.9	0.80
111-91-1	Bis(2-chloroethoxy)methane	26	U	120	26
111-44-4	Bis(2-chloroethyl)ether	2.4	U	120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	82	B	82	22
85-68-7	Butyl benzyl phthalate	12	U	82	12
105-60-2	Caprolactam	44	U	390	44
86-74-8	Carbazole	32	U	59	32
218-01-9	Chrysene	94		7.9	1.3
53-70-3	Dibenz(a,h)anthracene	16		7.9	0.78
132-64-9	Dibenzofuran	51	J	59	0.78
84-66-2	Diethyl phthalate	19	U	82	19
131-11-3	Dimethyl phthalate	20	U	82	20
84-74-2	Di-n-butyl phthalate	23	J B	82	18
117-84-0	Di-n-octyl phthalate	9.3	U	82	9.3
206-44-0	Fluoranthene	490		7.9	0.65
86-73-7	Fluorene	88		7.9	0.62
118-74-1	Hexachlorobenzene	2.5	U	7.9	2.5
87-68-3	Hexachlorobutadiene	6.6	U	59	6.6
77-47-4	Hexachlorocyclopentadiene	9.5	U	390	9.5
67-72-1	Hexachloroethane	11	U	59	11
193-39-5	Indeno[1,2,3-cd]pyrene	45		7.9	0.41
78-59-1	Isophorone	20	J B	59	15
621-64-7	N-Nitrosodi-n-propylamine	7.4	U	59	7.4
86-30-6	N-Nitrosodiphenylamine	25	U	59	25
91-20-3	Naphthalene	14		7.9	0.97
98-95-3	Nitrobenzene	2.6	U	120	2.6
87-86-5	Pentachlorophenol	11	U	180	11
85-01-8	Phenanthrene	570		7.9	0.86
108-95-2	Phenol	8.6	U	59	8.6
129-00-0	Pyrene	370		7.9	0.52
15831-10-4	3 & 4 Methylphenol	24	U	470	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: 51231007.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:30

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.35(g) | Date Analyzed: 12/31/2015 12:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	87		36-110
4165-62-2	Phenol-d5 (Surr)	85		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	81		20-110
367-12-4	2-Fluorophenol (Surr)	83		24-110
321-60-8	2-Fluorobiphenyl (Surr)	77		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	101		10-110

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-211933/6	51222006.D
Level 2	STD2 240-211933/5	51222005.D
Level 3	STD3 240-211933/4	51222004.D
Level 4	STD4 240-211933/3	51222003.D
Level 5	STD5 240-211933/2	51222002.D
Level 6	STD6 240-211933/10	51222010.D
Level 7	STD7 240-211933/9	51222009.D
Level 8	STD8 240-211933/8	51222008.D
Level 9	STD9 240-211933/7	51222007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7493	0.6839 0.6809	0.7228 0.7301	0.6844 0.7284	0.6965	Ave		0.7095				3.7		20.0			
N-Nitrosodimethylamine	1.1344	1.0072 1.0301	1.0045 1.0825	1.0386 1.0934	0.9948	Ave		1.0482				4.8		20.0			
Pyridine	2.0061	1.8287 1.8457	1.9380 1.9040	1.7810 1.9202	1.7658	Ave		1.8737				4.4		20.0			
Benzaldehyde	1.2874	1.5081 1.2814	1.4998 1.2478	1.5369 1.2039	1.4064	Ave		1.3715			0.0100	9.6		20.0			
Phenol	2.0257	2.0966 1.9251	2.1688 1.9217	2.1149 1.9052	2.0095	Ave		2.0209			0.8000	4.9		20.0			
Aniline	2.5558	2.5916 2.3743	2.5576 2.4056	2.5746 2.4173	2.4724	Ave		2.4937				3.5		20.0			
Bis(2-chloroethyl)ether	1.7274	1.6519 1.6091	1.7003 1.6112	1.7457 1.6210	1.7057	Ave		1.6715			0.7000	3.3		20.0			
2-Chlorophenol	1.4519	1.4132 1.3362	1.4989 1.3531	1.4735 1.3411	1.4423	Ave		1.4138			0.8000	4.5		20.0			
n-Decane	1.8835	1.8319 1.6942	1.9312 1.7005	1.9492 1.6748	1.8157	Ave		1.8101				6.0		20.0			
1,3-Dichlorobenzene	1.5274	1.6090 1.4115	1.6418 1.4277	1.5661 1.4065	1.5317	Ave		1.5152				6.0		20.0			
1,4-Dichlorobenzene	1.5125	1.5339 1.4264	1.5981 1.4343	1.6019 1.4281	1.5187	Ave		1.5067				4.8		20.0			
Benzyl alcohol	1.0913	1.1466 1.0345	1.0998 1.0239	1.1180 1.0413	1.0742	Ave		1.0787				4.0		20.0			
1,2-Dichlorobenzene	1.4687	1.5441 1.3505	1.5404 1.3691	1.5544 1.3372	1.4774	Ave		1.4552				6.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.4961	1.4796 1.4050	1.5571 1.4137	1.5391 1.4035	1.4702	Ave		1.4705			0.7000	4.1		20.0			
bis (2-chloroisopropyl) ether	2.1439	2.1725 1.9981	2.1847 1.9903	2.1466 1.9760	2.0806	Ave		2.0866				4.2		20.0			
Indene	2.5272	2.7747 2.2980	2.7981 2.2839	2.6994 2.2504	2.5810	Ave		2.5266				8.9		20.0			
3 & 4 Methylphenol	1.5751	1.4984 1.4738	1.6094 1.4656	1.6010 1.4612	1.5658	Ave		1.5313				4.1		20.0			
N-Nitrosodi-n-propylamine	1.2195	1.2913 1.1501	1.2001 1.1297	1.2667 1.1570	1.2461	Ave		1.2076			0.5000	4.9		20.0			
Acetophenone	2.1849	2.3275 2.0753	2.2584 2.0366	2.2796 2.0407	2.2198	Ave		2.1779			0.0100	5.2		20.0			
Hexachloroethane	0.6306	0.6721 0.5942	0.6774 0.6039	0.6590 0.5952	0.6353	Ave		0.6335			0.3000	5.3		20.0			
Nitrobenzene	0.4704	0.4753 0.4483	0.4698 0.4388	0.4853 0.4354	0.4638	Ave		0.4609			0.2000	3.9		20.0			
Isophorone	0.8350	0.8495 0.7955	0.8419 0.7695	0.8678 0.7638	0.8374	Ave		0.8201			0.4000	4.7		20.0			
2,4-Dimethylphenol	0.3840	0.4049 0.3678	0.4119 0.3520	0.4104 0.3447	0.3997	Ave		0.3844			0.2000	6.9		20.0			
2-Nitrophenol	0.1685	0.1584 0.1590	0.1611 0.1520	0.1682 0.1541	0.1678	Ave		0.1611			0.1000	4.0		20.0			
Benzoic acid	0.2196	0.1759 0.2254	0.1584 0.2156	0.1961 0.2196	0.2111	Ave		0.2027				11.9		20.0			
Bis(2-chloroethoxy)methane	0.4484	0.4618 0.4197	0.4545 0.3966	0.4730 0.3930	0.4505	Ave		0.4372			0.3000	6.9		20.0			
2,4-Dichlorophenol	0.2630	0.2616 0.2479	0.2658 0.2421	0.2743 0.2367	0.2654	Ave		0.2571			0.2000	5.1		20.0			
1,2,4-Trichlorobenzene	0.2655	0.3076 0.2480	0.2945 0.2414	0.2897 0.2370	0.2754	Ave		0.2699				9.7		20.0			
Naphthalene	1.2080 1.0494	1.1687 0.9837	1.1345 0.9536	1.1160 0.9396	1.0786	Ave		1.0702			0.7000	9.0		20.0			
4-Chloroaniline	0.4770	0.4997 0.4662	0.4663 0.4089	0.5045 0.4100	0.4730	Ave		0.4632			0.0100	7.8		20.0			
2,6-Dichlorophenol	0.2525	0.2715 0.2399	0.2614 0.2321	0.2666 0.2303	0.2625	Ave		0.2521				6.4		20.0			
Hexachlorobutadiene	0.1412	0.1455 0.1347	0.1479 0.1307	0.1551 0.1273	0.1534	Ave		0.1420			0.0100	7.3		20.0			
Caprolactam	0.1116	0.1179 0.1100	0.1187 0.1076	0.1155 0.1059	0.1083	Ave		0.1119			0.0100	4.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3396	0.3339 0.3307	0.3436 0.3159	0.3444 0.3198	0.3428	Ave		0.3338			0.2000	3.3		20.0			
2-Methylnaphthalene	0.7542 0.6573	0.7135 0.6228	0.7088 0.5993	0.7137 0.5913	0.6889	Ave		0.6722			0.4000	8.5		20.0			
1-Methylnaphthalene	0.7822 0.5792	0.6431 0.5405	0.6324 0.5307	0.6137 0.5229	0.6111	Ave		0.6062				13.1		20.0			
Hexachlorocyclopentadiene	0.2667	0.2334 0.2581	0.2323 0.2611	0.2707 0.2532	0.2885	Ave		0.2580			0.0500	7.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.4209	0.4882 0.3822	0.4751 0.3741	0.4668 0.3558	0.4563	Ave		0.4274			0.0100	12.0		20.0			
2,4,6-Trichlorophenol	0.3181	0.3464 0.2973	0.3377 0.2961	0.3259 0.2869	0.3324	Ave		0.3176			0.2000	6.9		20.0			
2,4,5-Trichlorophenol	0.3295	0.3533 0.3137	0.3514 0.3103	0.3515 0.3019	0.3468	Ave		0.3323			0.2000	6.4		20.0			
1,1'-Biphenyl	1.6646 1.4173	1.5606 1.3176	1.5365 1.2935	1.4989 1.2461	1.4773	Ave		1.4458			0.0100	9.6		20.0			
2-Chloronaphthalene	1.2365 1.0599	1.1467 0.9906	1.1172 0.9855	1.1309 0.9466	1.1058	Ave		1.0800			0.8000	8.6		20.0			
2-Nitroaniline	0.4791	0.4015 0.4450	0.4398 0.4446	0.4495 0.4294	0.4556	Ave		0.4431			0.0100	5.0		20.0			
Dimethyl phthalate	1.1685	1.2301 1.0811	1.2415 1.0532	1.2403 1.0143	1.2446	Ave		1.1592			0.0100	8.3		20.0			
1,3-Dinitrobenzene	0.2038	0.1510 0.1906	0.1727 0.1928	0.1836 0.1830	0.2004	Ave		0.1847				9.1		20.0			
2,6-Dinitrotoluene	0.2845	0.2339 0.2635	0.2737 0.2627	0.2721 0.2465	0.2910	Ave		0.2660				7.1		20.0			
Acenaphthylene	2.0111 1.8209	1.8589 1.7042	1.8907 1.6790	1.9261 1.6253	1.8953	Ave		1.8235			0.9000	7.0		20.0			
3-Nitroaniline	0.3059	0.3135 0.3009	0.3010 0.3059	0.3333 0.2950	0.3242	Ave		0.3099			0.0100	4.2		20.0			
2,4-Dinitrophenol	0.1315	0.0522 0.1356	0.0681 0.1409	0.1001 0.1448	0.1206	Lin1	-0.124	0.1424			0.0100				0.9980		0.9900
4-Nitrophenol	0.2251	0.1654 0.2137	0.2048 0.2094	0.2040 0.2018	0.2088	Ave		0.2041				8.5		20.0			
Acenaphthene	1.4039 1.0291	1.1743 0.9329	1.1711 0.9274	1.1752 +++++	1.1052	Ave		1.1149			0.9000	14.0		20.0			
2,4-Dinitrotoluene	0.3447	0.2973 0.3384	0.3208 0.3455	0.3526 0.3443	0.3600	Ave		0.3379			0.2000	5.9		20.0			
Dibenzofuran	1.7448 1.5139	1.6048 1.4046	1.5927 1.4016	1.6433 1.3240	1.5827	Ave		1.5347			0.8000	8.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.2458	0.2422 0.2309	0.2652 0.2326	0.2909 0.2270	0.2863	Ave		0.2526			0.0100	10.0		20.0			
Hexadecane	0.9403	1.0869 0.8618	1.0267 0.8375	1.0377 0.7886	0.9929	Ave		0.9465				11.3		20.0			
Diethyl phthalate	1.0291	1.3269 0.9840	1.2661 0.9888	1.3033 0.9732	1.1258	Ave		1.1247			0.0100	13.6		20.0			
4-Chlorophenyl phenyl ether	0.5309	0.5565 0.4815	0.5410 0.4725	0.5691 0.4497	0.5529	Ave		0.5193			0.4000	8.6		20.0			
4-Nitroaniline	0.3324	0.2422 0.3165	0.2947 0.3054	0.2929 0.2901	0.2629	Ave		0.2921			0.0100	9.8		20.0			
Fluorene	1.6545 1.1741	1.3479 1.0683	1.3255 +++++	1.3445 +++++	1.2588	Ave		1.3105			0.9000	14.0		20.0			
4,6-Dinitro-2-methylphenol	0.1112	0.0526 0.1104	0.0698 0.1072	0.0848 0.1049	0.1057	Lin1	-0.065	0.1094			0.0100				0.9990		0.9900
N-Nitrosodiphenylamine	0.5151	0.5574 0.4402	0.5687 0.4191	0.5644 +++++	0.6143	Ave		0.5256			0.0100	13.7		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.1839	1.0932 1.0326	1.0580 0.9630	1.0800 0.9005	1.2159	Ave		1.0659				9.8		20.0			
Azobenzene	1.1836	1.0962 1.0328	1.0553 0.9630	1.0792 0.9008	1.2160	Ave		1.0659				9.8		20.0			
4-Bromophenyl phenyl ether	0.1933	0.1810 0.1631	0.1883 0.1535	0.1918 0.1444	0.2103	Ave		0.1782			0.1000	12.6		20.0			
Atrazine	0.1767	0.1929 0.1404	0.1658 0.1377	0.1649 +++++	0.1931	Ave		0.1673			0.0100	13.4		20.0			
Hexachlorobenzene	0.2215 0.1812	0.1961 0.1487	0.1986 +++++	0.1843 +++++	0.2015	Ave		0.1903			0.1000	11.9		20.0			
n-Octadecane	0.6658	0.6723 0.5318	0.6658 0.4861	0.6500 +++++	0.7297	Ave		0.6288				13.8		20.0			
Pentachlorophenol	0.1271	0.0902 0.1184	0.1054 0.1155	0.1153 0.1090	0.1297	Ave		0.1138			0.0500	11.0		20.0			
Phenanthrene	1.3636 1.0293	1.1644 0.9555	1.1598 0.9281	1.1515 0.8993	1.0899	Ave		1.0824			0.7000	13.6		20.0			
Anthracene	1.2554 1.0489	1.1608 0.9736	1.1511 0.9503	1.1500 0.9134	1.1164	Ave		1.0800			0.7000	10.6		20.0			
Carbazole	1.0373	1.0814 0.8833	1.0489 0.8362	0.8963 0.7816	0.9925	Ave		0.9447			0.0100	11.7		20.0			
Di-n-butyl phthalate	1.4091	1.1737 1.1938	0.9563 1.1660	1.0751 1.1386	1.4093	Ave		1.1902			0.0100	13.0		20.0			
Fluoranthene	1.2783 1.1573	1.1582 1.0065	1.0063 0.9626	0.9440 0.9144	1.1785	Ave		1.0674			0.6000	12.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.5165	+++++ 0.5681	0.2518 0.5466	0.2776 0.5590	0.4607	Lin1	-0.847	0.5726							0.9980		0.9900
Pyrene	1.3761 1.0608	1.1093 0.9884	1.0001 0.9683	1.0079 0.9541	1.0427	Ave		1.0564			0.6000	12.2		20.0			
Butyl benzyl phthalate	0.6006	0.5689 0.5758	0.5694 0.5622	0.5753 0.5603	0.5729	Ave		0.5732			0.0100	2.2		20.0			
Bis(2-ethylhexyl) phthalate	0.8276	0.7165 0.7886	0.7847 0.7798	0.7864 0.7843	0.8004	Ave		0.7835			0.0100	4.0		20.0			
3,3'-Dichlorobenzidine	0.2713	0.2979 0.2708	0.3205 0.2807	0.3240 0.2773	0.2529	Ave		0.2869			0.0100	8.8		20.0			
Benzo[a]anthracene	1.2777 1.0264	1.0668 0.9842	1.0996 0.9616	1.0823 0.9473	1.0505	Ave		1.0552			0.8000	9.4		20.0			
Chrysene	1.2706 0.9658	1.0700 0.9125	1.0175 0.8900	1.0526 0.8863	0.9943	Ave		1.0066			0.7000	11.9		20.0			
Di-n-octyl phthalate	1.6857	1.4216 1.6330	1.6580 1.5940	1.7040 1.5678	1.6935	Ave		1.6197			0.0100	5.8		20.0			
Benzo[b]fluoranthene	1.1807 1.1236	1.0820 1.0918	1.1664 1.0534	1.1835 1.0502	1.1488	Ave		1.1200			0.7000	4.7		20.0			
Benzo[k]fluoranthene	1.4389 1.1869	1.2148 1.0837	1.2153 1.0932	1.2694 1.0315	1.1923	Ave		1.1918			0.7000	10.1		20.0			
Benzo[a]pyrene	1.1499 1.1196	1.0799 1.0664	1.1335 1.0496	1.1666 1.0260	1.1404	Ave		1.1035			0.7000	4.5		20.0			
Indeno[1,2,3-cd]pyrene	1.1649 1.1153	1.0698 1.0519	1.1429 1.0363	1.1927 1.0101	1.1379	Ave		1.1024			0.5000	5.7		20.0			
Dibenz(a,h)anthracene	0.7391 0.9367	0.9194 0.8858	0.9181 0.8521	0.9713 0.8483	0.9473	Ave		0.8909			0.4000	7.9		20.0			
Benzo[g,h,i]perylene	1.1015 0.9455	0.9093 0.9004	0.9938 0.8941	1.0092 0.8761	0.9705	Ave		0.9556			0.5000	7.5		20.0			
2-Fluorophenol (Surr)	1.4614	1.3531 1.3811	1.4159 1.3960	1.4306 1.3999	1.3875	Ave		1.4032				2.3		20.0			
Phenol-d5 (Surr)	1.8754	1.8220 1.7435	1.9269 1.7574	1.8860 1.7393	1.8389	Ave		1.8237				3.9		20.0			
Nitrobenzene-d5 (Surr)	0.5258 0.4815	0.4786 0.4664	0.5039 0.4575	0.5053 0.4492	0.4832	Ave		0.4835				5.1		20.0			
2-Fluorobiphenyl (Surr)	1.4586 1.1666	1.3120 1.0886	1.2881 1.0717	1.2857 1.0380	1.2313	Ave		1.2156				11.2		20.0			
2,4,6-Tribromophenol (Surr)	0.1215	0.1020 0.1155	0.1273 0.1171	0.1361 0.1179	0.1317	Ave		0.1211				8.8		20.0			
Terphenyl-d14 (Surr)	0.9148 0.7155	0.7332 0.6735	0.7562 0.6547	0.7212 0.6546	0.7286	Ave		0.7280				10.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-211933/6	51222006.D
Level 2	STD2 240-211933/5	51222005.D
Level 3	STD3 240-211933/4	51222004.D
Level 4	STD4 240-211933/3	51222003.D
Level 5	STD5 240-211933/2	51222002.D
Level 6	STD6 240-211933/10	51222010.D
Level 7	STD7 240-211933/9	51222009.D
Level 8	STD8 240-211933/8	51222008.D
Level 9	STD9 240-211933/7	51222007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	449195	22401 659966	45106 875199	86174 1009112	210938	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	680038	32992 998454	62682 1297577	130777 1514764	301281	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	1202602	59903 1788998	120933 2282211	224253 2660177	534780	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	1543587	98802 2484066	187185 2991393	387036 3335858	851877	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenol	DCB	Ave	1214360	68676 1865920	135337 2303476	266289 2639426	608595	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1532152	84892 2301384	159599 2883535	324167 3348828	748775	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	1035534	54111 1559640	106100 1931236	219807 2245739	516571	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	870389	46290 1295178	93532 1621907	185526 1857905	436804	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
n-Decane	DCB	Ave	1129120	60007 1642170	120508 2038274	245431 2320206	549881	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	915628	52705 1368158	102451 1711292	197194 1948583	463873	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,4-Dichlorobenzene	DCB	Ave	906737	50244 1382571	99724 1719256	201698 1978465	459953	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	654233	37559 1002672	68629 1227342	140774 1442611	325311	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	880477	50578 1308977	96124 1641132	195718 1852472	447437	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	896896	48466 1361792	97165 1694511	193788 1944423	445264	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
bis (2-chloroisopropyl) ether	DCB	Ave	1285204	71162 1936692	136330 2385690	270279 2737528	630107	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indene	DCB	Ave	3030051	181779 4454751	349215 5475325	679786 6235361	1563344	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
3 & 4 Methylphenol	DCB	Ave	944263	49082 1428535	100430 1756740	201580 2024340	474193	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	731056	42299 1114709	74891 1354073	159494 1602839	377394	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1309809	76240 2011573	140926 2441181	287028 2827168	672275	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	378039	22014 575981	42268 723880	82971 824648	192399	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	1147098	60833 1744452	117024 2147390	244647 2517728	567391	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	2036234	108717 3095872	209731 3766245	437472 4417157	1024432	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	936317	51825 1431456	102596 1722767	206887 1993284	489018	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	410869	20266 618816	40127 744078	84813 891093	205322	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Ave	1070859	45015 1754659	78893 2110188	197692 2539902	516472	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	1093511	59103 1633434	113224 1940878	238459 2272737	551115	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	641385	33475 964596	66205 1184923	138292 1368931	324742	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	647365	39366 965232	73354 1181347	146020 1370743	336916	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	31013 2559045	149574 3828054	282596 4667248	562552 5434110	1319584	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1163154	63950 1814156	116152 2001389	254303 2370956	578603	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dichlorophenol	NPT	Ave	615862	34746 933552	65122 1136080	134374 1331798	321081	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	344216	18627 524116	36852 639818	78168 735954	187656	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	544125	30186 856410	59153 1053173	116475 1225368	264882	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	828150	42735 1286780	85600 1546019	173589 1849173	419398	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	19362 1602796	91309 2423525	176560 2933099	359794 3419662	842786	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Methylnaphthalene	NPT	Ave	20082 1412414	82310 2103465	157535 2597181	309390 3024116	747599	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 341214	15917 529599	30919 655199	72390 772405	185901	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 538528	33294 784302	63236 938932	124816 1085449	294024	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 407075	23626 610049	44951 743055	87130 875250	214207	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 421575	24099 643684	46771 778743	93982 920956	223457	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	22687 1813500	106434 2704010	204525 3246303	400765 3801339	951866	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	16852 1356192	78211 2033040	148715 2473224	302381 2887651	712497	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 613070	27382 913144	58544 1115704	120196 1309891	293570	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1495160	83898 2218721	165259 2643222	331618 3094270	801971	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dinitrobenzene	ANT	Ave	 260758	10299 391173	22990 483898	49095 558377	129126	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 364023	15953 540839	36427 659392	72763 751876	187499	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	27410 2329849	126782 3497456	251680 4213699	514984 4958173	1221242	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 391461	21379 617518	40062 767616	89108 899942	208872	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Lin1	 336456	7119 556645	18124 707053	53531 883368	155411	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
4-Nitrophenol	ANT	Ave	 576019	22560 877039	54511 1051021	109100 1231049	269023	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Acenaphthene	ANT	Ave	19134 1316697	80092 1914552	155888 2327390	314209 +++++	712118	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
2,4-Dinitrotoluene	ANT	Ave	 440986	20280 694467	42699 867058	94277 1050304	231966	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	23780 1937015	109450 2882574	212014 3517678	439371 4038942	1019817	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	 314505	16516 473830	35304 583802	77780 692340	184485	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexadecane	ANT	Ave	 1203112	74130 1768569	136663 2101818	277447 2405620	639759	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	 1316809	90501 2019395	168538 2481446	348481 2968937	725401	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	679329	37955 988084	72010 1185912	152162 1371994	356247	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	425352	16518 649627	39222 766343	78313 884950	169390	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	22550 1502232	91934 2192504	176439 +++++	359497 +++++	811097	0.100 10.0	0.500 15.0	1.00 +++++	2.00 +++++	5.00
4,6-Dinitro-2-methylphenol	PHN	Lin1	415420	11580 691700	30020 850540	74400 1031899	196586	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
N-Nitrosodiphenylamine	PHN	Ave	1924208	122742 2758099	244597 3324572	495375 +++++	1142182	20.0	1.00 30.0	2.00 40.0	4.00 +++++	10.0
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	2211164	120365 3234768	227501 3819938	473981 4428921	1130415	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	2210700	120695 3235201	226933 3819938	473601 4430238	1130519	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	361033	19935 510826	40493 608824	84168 710178	195539	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	659970	42469 879531	71290 1092522	144715 +++++	359116	20.0	1.00 30.0	2.00 40.0	4.00 +++++	10.0
Hexachlorobenzene	PHN	Ave	4862 338463	21595 465671	42714 +++++	80869 +++++	187374	0.100 10.0	0.500 15.0	1.00 +++++	2.00 +++++	5.00
n-Octadecane	PHN	Ave	1243629	74020 1665745	143164 1928391	285258 +++++	678442	10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Pentachlorophenol	PHN	Ave	474667	19864 742055	45340 916603	101212 1072301	241174	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	29927 1922443	128213 2993255	249404 3681414	505368 4422963	1013305	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	27551 1959122	127809 3049751	247523 3769753	504697 4491990	1037906	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	1937441	119071 2766965	225547 3317035	393358 3844090	922727	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2631873	129238 3739726	205630 4625358	471802 5599721	1310292	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	28055 2161544	127532 3152930	216389 3818462	414273 4497246	1095671	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Lin1	2187463	+++++ 3793518	109369 4524072	247197 5523609	1034312	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
Pyrene	CRY	Ave	30318 2246219	123771 3299988	217225 4007174	448691 4714311	1170469	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1271886	63471 1922532	123670 2326509	256105 2768388	643093	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1752462	79944 2632974	170449 3226911	350104 3875236	898434	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 211933

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2015 12:48 Calibration End Date: 12/22/2015 20:02 Calibration ID: 32225

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	1149020	66487 1808538	139250 2323310	288497 2740041	567781	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Benzo[a]anthracene	CRY	Ave	28151 2173411	119029 3286100	238855 3979280	481831 4680672	1179191	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	27993 2045001	119388 3046622	221013 3683059	468568 4379009	1116152	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Ave	3071125	132042 4783871	292269 5849192	618688 6969419	1574787	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	22149 2046981	100497 3198445	205606 3865380	429694 4668631	1068304	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	26992 2162415	112836 3174639	214232 4011475	460873 4585294	1108725	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	21570 2039735	100302 3123991	199820 3851450	423553 4560949	1060514	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	21851 2031848	99364 3081525	201467 3802782	433046 4490199	1058176	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	13864 1706509	85396 2594848	161846 3126710	352670 3770966	880949	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	20662 1722480	84458 2637507	175189 3280702	366415 3894742	902525	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	876049	44324 1338707	88355 1673378	180126 1939453	420218	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1124238	59683 1689949	120239 2106588	237475 2409627	556917	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	13498 1174187	61250 1815222	125526 2238915	254715 2597908	591164	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	19879 1492624	89485 2234027	171462 2689502	343758 3166626	793353	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	155491	6960 237109	16939 293777	36403 359708	84858	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	20154 1515158	81806 2248658	164256 2709388	321041 3234339	817844	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID (1): CCV 240-212723/2 CCVIS Instrument ID (1): A4HP9

GC Column (1): RXI-5SILMS ID: 0.45(mm) Date Analyzed (1): 12/31/2015 09:36

ANALYTE	RT	RESOLUTION (%)
2-Fluorophenol (Surr)	5.24	100.0
Benzaldehyde	6.07	100.0
Phenol-d5 (Surr)	6.10	100.0
Phenol	6.11	100.0
Bis(2-chloroethyl)ether	6.20	100.0
2-Chlorophenol	6.28	100.0
2-Methylphenol	6.65	100.0
bis (2-chloroisopropyl) ether	6.68	100.0
3 & 4 Methylphenol	6.78	100.0
N-Nitrosodi-n-propylamine	6.79	100.0
Acetophenone	6.81	100.0
Hexachloroethane	6.93	100.0
Nitrobenzene-d5 (Surr)	6.95	100.0
Nitrobenzene	6.96	100.0
Isophorone	7.16	100.0
2-Nitrophenol	7.24	100.0
2,4-Dimethylphenol	7.24	100.0
Bis(2-chloroethoxy)methane	7.32	100.0
2,4-Dichlorophenol	7.45	100.0
Naphthalene	7.60	100.0
4-Chloroaniline	7.62	100.0
Hexachlorobutadiene	7.70	100.0
Caprolactam	7.91	100.0
4-Chloro-3-methylphenol	8.01	100.0
2-Methylnaphthalene	8.19	100.0
Hexachlorocyclopentadiene	8.33	100.0
2,4,6-Trichlorophenol	8.42	100.0
2,4,5-Trichlorophenol	8.46	100.0
2-Fluorobiphenyl (Surr)	8.48	100.0
1,1'-Biphenyl	8.58	100.0
2-Chloronaphthalene	8.61	100.0
2-Nitroaniline	8.67	100.0
Dimethyl phthalate	8.80	100.0
2,6-Dinitrotoluene	8.86	100.0
Acenaphthylene	8.97	100.0
3-Nitroaniline	9.01	100.0
2,4-Dinitrophenol	9.10	100.0
Acenaphthene	9.12	100.0
4-Nitrophenol	9.12	100.0
2,4-Dinitrotoluene	9.21	100.0
Dibenzofuran	9.26	100.0
Diethyl phthalate	9.39	100.0
4-Chlorophenyl phenyl ether	9.52	100.0
4-Nitroaniline	9.54	100.0
Fluorene	9.55	100.0

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID (1): CCV 240-212723/2 CCVIS Instrument ID (1): A4HP9

GC Column (1): RXI-5SILMS ID: 0.45(mm) Date Analyzed (1): 12/31/2015 09:36

ANALYTE	RT	RESOLUTION (%)
4,6-Dinitro-2-methylphenol	9.56	100.0
N-Nitrosodiphenylamine	9.62	100.0
2,4,6-Tribromophenol (Surr)	9.76	100.0
4-Bromophenyl phenyl ether	9.94	100.0
Hexachlorobenzene	10.04	100.0
Atrazine	10.04	100.0
Pentachlorophenol	10.19	100.0
Phenanthrene	10.38	100.0
Anthracene	10.42	100.0
Carbazole	10.54	100.0
Di-n-butyl phthalate	10.76	100.0
Fluoranthene	11.40	100.0
Pyrene	11.60	100.0
Terphenyl-d14 (Surr)	11.67	100.0
Butyl benzyl phthalate	12.04	100.0
Bis(2-ethylhexyl) phthalate	12.53	100.0
3,3'-Dichlorobenzidine	12.58	100.0
Benzo[a]anthracene	12.65	100.0
Chrysene	12.69	100.0
Di-n-octyl phthalate	13.21	100.0
Benzo[b]fluoranthene	13.94	26.50
Benzo[k]fluoranthene	13.98	100.0
Benzo[a]pyrene	14.44	100.0
Indeno[1,2,3-cd]pyrene	16.56	100.0
Dibenz(a,h)anthracene	16.57	100.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-211933/11 Calibration Date: 12/22/2015 16:38

Instrument ID: A4HP9 Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/22/2015 20:02

Lab File ID: 51222011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7095	0.6907		9.73	10.0	-2.7	30.0
N-Nitrosodimethylamine	Ave	1.048	0.9229		8.80	10.0	-12.0	30.0
Pyridine	Ave	1.874	1.856		9.90	10.0	-1.0	30.0
Benzaldehyde	Ave	1.371	1.338	0.0100	19.5	20.0	-2.4	30.0
Phenol	Ave	2.021	1.930	0.8000	9.55	10.0	-4.5	30.0
Aniline	Ave	2.494	2.398		9.62	10.0	-3.8	30.0
Bis(2-chloroethyl)ether	Ave	1.672	1.620	0.7000	9.69	10.0	-3.1	30.0
2-Chlorophenol	Ave	1.414	1.354	0.8000	9.58	10.0	-4.2	30.0
n-Decane	Ave	1.810	1.726		9.53	10.0	-4.7	30.0
1,3-Dichlorobenzene	Ave	1.515	1.414		9.33	10.0	-6.7	30.0
1,4-Dichlorobenzene	Ave	1.507	1.438		9.54	10.0	-4.6	30.0
Benzyl alcohol	Ave	1.079	1.039		9.64	10.0	-3.6	30.0
1,2-Dichlorobenzene	Ave	1.455	1.368		9.40	10.0	-6.0	30.0
2-Methylphenol	Ave	1.471	1.450	0.7000	9.86	10.0	-1.4	30.0
bis (2-chloroisopropyl) ether	Ave	2.087	2.036		9.76	10.0	-2.4	30.0
Indene	Ave	2.527	2.240		17.7	20.0	-11.3	30.0
3 & 4 Methylphenol	Ave	1.531	1.501		9.80	10.0	-2.0	30.0
N-Nitrosodi-n-propylamine	Ave	1.208	1.181	0.5000	9.78	10.0	-2.2	30.0
Acetophenone	Ave	2.178	2.099	0.0100	9.64	10.0	-3.6	30.0
Hexachloroethane	Ave	0.6335	0.6019	0.3000	9.50	10.0	-5.0	30.0
Nitrobenzene	Ave	0.4609	0.4393	0.2000	9.53	10.0	-4.7	30.0
Isophorone	Ave	0.8201	0.8061	0.4000	9.83	10.0	-1.7	30.0
2,4-Dimethylphenol	Ave	0.3844	0.3558	0.2000	9.25	10.0	-7.5	30.0
2-Nitrophenol	Ave	0.1611	0.1577	0.1000	9.78	10.0	-2.2	30.0
Benzoic acid	Ave	0.2027	0.2184		21.6	20.0	7.8	30.0
Bis(2-chloroethoxy)methane	Ave	0.4372	0.4329	0.3000	9.90	10.0	-1.0	30.0
2,4-Dichlorophenol	Ave	0.2571	0.2384	0.2000	9.27	10.0	-7.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2699	0.2492		9.23	10.0	-7.7	30.0
Naphthalene	Ave	1.070	0.9806	0.7000	9.16	10.0	-8.4	30.0
4-Chloroaniline	Ave	0.4632	0.4311	0.0100	9.31	10.0	-6.9	30.0
2,6-Dichlorophenol	Ave	0.2521	0.2384		9.46	10.0	-5.4	30.0
Hexachlorobutadiene	Ave	0.1420	0.1370	0.0100	9.65	10.0	-3.5	30.0
Caprolactam	Ave	0.1119	0.1064	0.0100	19.0	20.0	-5.0	30.0
4-Chloro-3-methylphenol	Ave	0.3338	0.3264	0.2000	9.78	10.0	-2.2	30.0
2-Methylnaphthalene	Ave	0.6722	0.5948	0.4000	8.85	10.0	-11.5	30.0
1-Methylnaphthalene	Ave	0.6062	0.5689		9.39	10.0	-6.1	30.0
Hexachlorocyclopentadiene	Ave	0.2580	0.2608	0.0500	10.1	10.0	1.1	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4274	0.3959	0.0100	9.26	10.0	-7.4	30.0
2,4,6-Trichlorophenol	Ave	0.3176	0.3094	0.2000	9.74	10.0	-2.6	30.0
2,4,5-Trichlorophenol	Ave	0.3323	0.3342	0.2000	10.1	10.0	0.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-211933/11 Calibration Date: 12/22/2015 16:38

Instrument ID: A4HP9 Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/22/2015 20:02

Lab File ID: 51222011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.446	1.344	0.0100	9.29	10.0	-7.1	30.0
2-Chloronaphthalene	Ave	1.080	1.000	0.8000	9.26	10.0	-7.4	30.0
2-Nitroaniline	Ave	0.4431	0.4567	0.0100	10.3	10.0	3.1	30.0
Dimethyl phthalate	Ave	1.159	1.127	0.0100	9.72	10.0	-2.8	30.0
1,3-Dinitrobenzene	Ave	0.1847	0.1908		10.3	10.0	3.3	30.0
2,6-Dinitrotoluene	Ave	0.2660	0.2738		10.3	10.0	2.9	30.0
Acenaphthylene	Ave	1.824	1.707	0.9000	9.36	10.0	-6.4	30.0
3-Nitroaniline	Ave	0.3099	0.3008	0.0100	9.70	10.0	-3.0	30.0
2,4-Dinitrophenol	Lin1		0.1273	0.0100	18.8	20.0	-6.2	30.0
4-Nitrophenol	Ave	0.2041	0.2106		20.6	20.0	3.2	30.0
Acenaphthene	Ave	1.115	0.9914	0.9000	8.89	10.0	-11.1	30.0
2,4-Dinitrotoluene	Ave	0.3379	0.3351	0.2000	9.91	10.0	-0.9	30.0
Dibenzofuran	Ave	1.535	1.447	0.8000	9.43	10.0	-5.7	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2526	0.2366	0.0100	9.37	10.0	-6.3	30.0
Hexadecane	Ave	0.9465	0.9020		9.53	10.0	-4.7	30.0
Diethyl phthalate	Ave	1.125	1.003	0.0100	8.92	10.0	-10.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.5193	0.4974	0.4000	9.58	10.0	-4.2	30.0
4-Nitroaniline	Ave	0.2921	0.3124	0.0100	10.7	10.0	6.9	30.0
Fluorene	Ave	1.311	1.120	0.9000	8.55	10.0	-14.5	30.0
4,6-Dinitro-2-methylphenol	Lin1		0.1104	0.0100	20.8	20.0	3.8	30.0
N-Nitrosodiphenylamine	Ave	0.5256	0.4764	0.0100	18.1	20.0	-9.4	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.066	1.169		11.0	10.0	9.7	30.0
Azobenzene	Ave	1.066	1.169		11.0	10.0	9.7	30.0
4-Bromophenyl phenyl ether	Ave	0.1782	0.1789	0.1000	10.0	10.0	0.4	30.0
Atrazine	Ave	0.1673	0.1589	0.0100	19.0	20.0	-5.1	30.0
Hexachlorobenzene	Ave	0.1903	0.1686	0.1000	8.86	10.0	-11.4	30.0
n-Octadecane	Ave	0.6288	0.6223		9.90	10.0	-1.0	30.0
Pentachlorophenol	Ave	0.1138	0.1256	0.0500	22.1	20.0	10.4	30.0
Phenanthrene	Ave	1.082	0.9592	0.7000	8.86	10.0	-11.4	30.0
Anthracene	Ave	1.080	0.9938	0.7000	9.20	10.0	-8.0	30.0
Carbazole	Ave	0.9447	0.9472	0.0100	10.0	10.0	0.3	30.0
Di-n-butyl phthalate	Ave	1.190	1.342	0.0100	11.3	10.0	12.8	30.0
Fluoranthene	Ave	1.067	1.092	0.6000	10.2	10.0	2.3	30.0
Benzidine	Lin1		0.5460		20.5	20.0	2.7	30.0
Pyrene	Ave	1.056	0.999	0.6000	9.46	10.0	-5.4	30.0
Butyl benzyl phthalate	Ave	0.5732	0.5786	0.0100	10.1	10.0	0.9	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7835	0.7934	0.0100	10.1	10.0	1.3	30.0
3,3'-Dichlorobenzidine	Ave	0.2869	0.2567	0.0100	17.9	20.0	-10.5	30.0
Benzo[a]anthracene	Ave	1.055	0.999	0.8000	9.47	10.0	-5.3	30.0
Chrysene	Ave	1.007	0.9502	0.7000	9.44	10.0	-5.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-211933/11 Calibration Date: 12/22/2015 16:38

Instrument ID: A4HP9 Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/22/2015 20:02

Lab File ID: 51222011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.620	1.613	0.0100	9.96	10.0	-0.4	30.0
Benzo[b]fluoranthene	Ave	1.120	1.051	0.7000	9.38	10.0	-6.2	30.0
Benzo[k]fluoranthene	Ave	1.192	1.120	0.7000	9.40	10.0	-6.0	30.0
Benzo[a]pyrene	Ave	1.104	1.032	0.7000	9.35	10.0	-6.5	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.102	1.016	0.5000	9.22	10.0	-7.8	30.0
Dibenz(a,h)anthracene	Ave	0.8909	0.8702	0.4000	9.77	10.0	-2.3	30.0
Benzo[g,h,i]perylene	Ave	0.9556	0.8941	0.5000	9.36	10.0	-6.4	30.0
2-Fluorophenol (Surr)	Ave	1.403	1.452		10.3	10.0	3.5	30.0
Phenol-d5 (Surr)	Ave	1.824	1.913		10.5	10.0	4.9	30.0
Nitrobenzene-d5 (Surr)	Ave	0.4835	0.4940		10.2	10.0	2.2	30.0
2-Fluorobiphenyl (Surr)	Ave	1.216	1.204		9.90	10.0	-1.0	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1211	0.1301		10.7	10.0	7.4	30.0
Terphenyl-d14 (Surr)	Ave	0.7280	0.7281		10.0	10.0	0.0	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212723/2 Calibration Date: 12/31/2015 09:36

Instrument ID: A4HP9 Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/22/2015 20:02

Lab File ID: 51231002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7095	0.5938		8.37	10.0	-16.3	20.0
N-Nitrosodimethylamine	Ave	1.048	0.9213		8.79	10.0	-12.1	20.0
Pyridine	Ave	1.874	1.700		9.07	10.0	-9.3	20.0
Benzaldehyde	Ave	1.371	1.205	0.0100	17.6	20.0	-12.1	20.0
Phenol	Ave	2.021	1.865	0.8000	9.23	10.0	-7.7	20.0
Aniline	Ave	2.494	2.350		9.42	10.0	-5.8	20.0
Bis(2-chloroethyl)ether	Ave	1.672	1.545	0.7000	9.24	10.0	-7.6	20.0
2-Chlorophenol	Ave	1.414	1.353	0.8000	9.57	10.0	-4.3	20.0
n-Decane	Ave	1.810	1.710		9.45	10.0	-5.5	20.0
1,3-Dichlorobenzene	Ave	1.515	1.398		9.22	10.0	-7.8	20.0
1,4-Dichlorobenzene	Ave	1.507	1.411		9.37	10.0	-6.3	20.0
Benzyl alcohol	Ave	1.079	0.8990		8.33	10.0	-16.7	20.0
1,2-Dichlorobenzene	Ave	1.455	1.352		9.29	10.0	-7.1	20.0
2-Methylphenol	Ave	1.471	1.383	0.7000	9.41	10.0	-5.9	20.0
bis (2-chloroisopropyl) ether	Ave	2.087	1.905		9.13	10.0	-8.7	20.0
Indene	Ave	2.527	2.437		19.3	20.0	-3.5	20.0
3 & 4 Methylphenol	Ave	1.531	1.459		9.53	10.0	-4.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.208	1.181	0.5000	9.78	10.0	-2.2	20.0
Acetophenone	Ave	2.178	2.094	0.0100	9.61	10.0	-3.9	20.0
Hexachloroethane	Ave	0.6335	0.6374	0.3000	10.1	10.0	0.6	20.0
Nitrobenzene	Ave	0.4609	0.4663	0.2000	10.1	10.0	1.2	20.0
Isophorone	Ave	0.8201	0.7964	0.4000	9.71	10.0	-2.9	20.0
2-Nitrophenol	Ave	0.1611	0.1649	0.1000	10.2	10.0	2.3	20.0
2,4-Dimethylphenol	Ave	0.3844	0.3876	0.2000	10.1	10.0	0.8	20.0
Benzoic acid	Ave	0.2027	0.2112		20.8	20.0	4.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4372	0.4292	0.3000	9.82	10.0	-1.8	20.0
2,4-Dichlorophenol	Ave	0.2571	0.2475	0.2000	9.63	10.0	-3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.2699	0.2493		9.24	10.0	-7.6	20.0
Naphthalene	Ave	1.070	0.995	0.7000	9.30	10.0	-7.0	20.0
4-Chloroaniline	Ave	0.4632	0.4391	0.0100	9.48	10.0	-5.2	20.0
2,6-Dichlorophenol	Ave	0.2521	0.2400		9.52	10.0	-4.8	20.0
Hexachlorobutadiene	Ave	0.1420	0.1394	0.0100	9.82	10.0	-1.8	20.0
Caprolactam	Ave	0.1119	0.1073	0.0100	19.2	20.0	-4.1	20.0
4-Chloro-3-methylphenol	Ave	0.3338	0.3389	0.2000	10.2	10.0	1.5	20.0
2-Methylnaphthalene	Ave	0.6722	0.6325	0.4000	9.41	10.0	-5.9	20.0
1-Methylnaphthalene	Ave	0.6062	0.5495		9.06	10.0	-9.4	20.0
Hexachlorocyclopentadiene	Ave	0.2580	0.2835	0.0500	11.0	10.0	9.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4274	0.3944	0.0100	9.23	10.0	-7.7	20.0
2,4,6-Trichlorophenol	Ave	0.3176	0.2974	0.2000	9.37	10.0	-6.3	20.0
2,4,5-Trichlorophenol	Ave	0.3323	0.3121	0.2000	9.39	10.0	-6.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212723/2 Calibration Date: 12/31/2015 09:36

Instrument ID: A4HP9 Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/22/2015 20:02

Lab File ID: 51231002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.446	1.358	0.0100	9.39	10.0	-6.1	20.0
2-Chloronaphthalene	Ave	1.080	1.014	0.8000	9.39	10.0	-6.1	20.0
2-Nitroaniline	Ave	0.4431	0.4811	0.0100	10.9	10.0	8.6	20.0
Dimethyl phthalate	Ave	1.159	1.153	0.0100	9.95	10.0	-0.5	20.0
1,3-Dinitrobenzene	Ave	0.1847	0.1926		10.4	10.0	4.2	20.0
2,6-Dinitrotoluene	Ave	0.2660	0.2763		10.4	10.0	3.9	20.0
Acenaphthylene	Ave	1.824	1.734	0.9000	9.51	10.0	-4.9	20.0
3-Nitroaniline	Ave	0.3099	0.3204	0.0100	10.3	10.0	3.4	20.0
2,4-Dinitrophenol	Lin1		0.1585	0.0100	23.1	20.0	15.6	20.0
Acenaphthene	Ave	1.115	1.039	0.9000	9.32	10.0	-6.8	20.0
4-Nitrophenol	Ave	0.2041	0.2650		26.0	20.0	29.8*	20.0
2,4-Dinitrotoluene	Ave	0.3379	0.3453	0.2000	10.2	10.0	2.2	20.0
Dibenzofuran	Ave	1.535	1.435	0.8000	9.35	10.0	-6.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2526	0.2442	0.0100	9.67	10.0	-3.3	20.0
Hexadecane	Ave	0.9465	0.8857		9.36	10.0	-6.4	20.0
Diethyl phthalate	Ave	1.125	1.104	0.0100	9.82	10.0	-1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5193	0.4776	0.4000	9.20	10.0	-8.0	20.0
4-Nitroaniline	Ave	0.2921	0.3404	0.0100	11.7	10.0	16.5	20.0
Fluorene	Ave	1.311	1.147	0.9000	8.75	10.0	-12.5	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1203	0.0100	22.6	20.0	12.9	20.0
N-Nitrosodiphenylamine	Ave	0.5256	0.4920	0.0100	18.7	20.0	-6.4	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.066	1.074		10.1	10.0	0.8	20.0
Azobenzene	Ave	1.066	1.074		10.1	10.0	0.8	20.0
4-Bromophenyl phenyl ether	Ave	0.1782	0.1710	0.1000	9.60	10.0	-4.0	20.0
Atrazine	Ave	0.1673	0.1834	0.0100	21.9	20.0	9.6	20.0
Hexachlorobenzene	Ave	0.1903	0.1702	0.1000	8.95	10.0	-10.5	20.0
n-Octadecane	Ave	0.6288	0.6282		9.99	10.0	-0.0	20.0
Pentachlorophenol	Ave	0.1138	0.1243	0.0500	21.8	20.0	9.2	20.0
Phenanthrene	Ave	1.082	1.003	0.7000	9.27	10.0	-7.3	20.0
Anthracene	Ave	1.080	1.027	0.7000	9.51	10.0	-4.9	20.0
Carbazole	Ave	0.9447	1.005	0.0100	10.6	10.0	6.4	20.0
Di-n-butyl phthalate	Ave	1.190	1.398	0.0100	11.7	10.0	17.5	20.0
Fluoranthene	Ave	1.067	1.067	0.6000	10.0	10.0	-0.0	20.0
Benzidine	Lin1		0.5788		21.7	20.0	8.5	20.0
Pyrene	Ave	1.056	1.074	0.6000	10.2	10.0	1.7	20.0
Butyl benzyl phthalate	Ave	0.5732	0.6229	0.0100	10.9	10.0	8.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7835	0.8736	0.0100	11.1	10.0	11.5	20.0
3,3'-Dichlorobenzidine	Ave	0.2869	0.3245	0.0100	22.6	20.0	13.1	20.0
Benzo[a]anthracene	Ave	1.055	0.996	0.8000	9.44	10.0	-5.6	20.0
Chrysene	Ave	1.007	0.9351	0.7000	9.29	10.0	-7.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212723/2 | Calibration Date: 12/31/2015 09:36

Instrument ID: A4HP9 | Calib Start Date: 12/22/2015 12:48

GC Column: RXI-5SILMS ID: 0.45(mm) | Calib End Date: 12/22/2015 20:02

Lab File ID: 51231002.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.620	1.730	0.0100	10.7	10.0	6.8	20.0
Benzo[b]fluoranthene	Ave	1.120	1.071	0.7000	9.56	10.0	-4.4	20.0
Benzo[k]fluoranthene	Ave	1.192	1.091	0.7000	9.16	10.0	-8.4	20.0
Benzo[a]pyrene	Ave	1.104	1.053	0.7000	9.54	10.0	-4.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.102	1.144	0.5000	10.4	10.0	3.7	20.0
Dibenz(a,h)anthracene	Ave	0.8909	0.9461	0.4000	10.6	10.0	6.2	20.0
Benzo[g,h,i]perylene	Ave	0.9556	1.003	0.5000	10.5	10.0	4.9	20.0
2-Fluorophenol (Surr)	Ave	1.403	1.332		9.49	10.0	-5.1	20.0
Phenol-d5 (Surr)	Ave	1.824	1.727		9.47	10.0	-5.3	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4835	0.4840		10.0	10.0	0.1	20.0
2-Fluorobiphenyl (Surr)	Ave	1.216	1.113		9.15	10.0	-8.5	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1211	0.1277		10.5	10.0	5.4	20.0
Terphenyl-d14 (Surr)	Ave	0.7280	0.7128		9.79	10.0	-2.1	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212548/7-A

Matrix: Solid | Lab File ID: 51231003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212548/7-A

Matrix: Solid | Lab File ID: 51231003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	25.4	J	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15.9	J	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13.1	J	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212548/7-A

Matrix: Solid | Lab File ID: 51231003.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	89		36-110
4165-62-2	Phenol-d5 (Surr)	86		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	79		20-110
367-12-4	2-Fluorophenol (Surr)	81		24-110
321-60-8	2-Fluorobiphenyl (Surr)	78		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	80		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212548/8-A

Matrix: Solid | Lab File ID: 51231004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	494		50	3.5
108-60-1	bis (2-chloroisopropyl) ether	493		100	9.5
95-95-4	2,4,5-Trichlorophenol	502		150	25
88-06-2	2,4,6-Trichlorophenol	520		150	8.9
120-83-2	2,4-Dichlorophenol	517		150	20
105-67-9	2,4-Dimethylphenol	505		150	20
51-28-5	2,4-Dinitrophenol	563		330	21
121-14-2	2,4-Dinitrotoluene	582		200	17
606-20-2	2,6-Dinitrotoluene	568		200	21
91-58-7	2-Chloronaphthalene	499		50	0.45
95-57-8	2-Chlorophenol	524		50	8.2
91-57-6	2-Methylnaphthalene	514		6.7	0.50
95-48-7	2-Methylphenol	526		200	11
88-74-4	2-Nitroaniline	606		200	9.1
88-75-5	2-Nitrophenol	577		50	8.3
91-94-1	3,3'-Dichlorobenzidine	1100		100	18
99-09-2	3-Nitroaniline	536		200	16
534-52-1	4,6-Dinitro-2-methylphenol	1000		150	9.2
101-55-3	4-Bromophenyl phenyl ether	554		50	13
59-50-7	4-Chloro-3-methylphenol	558		150	21
106-47-8	4-Chloroaniline	441		150	17
7005-72-3	4-Chlorophenyl phenyl ether	513		50	13
100-01-6	4-Nitroaniline	630		200	26
100-02-7	4-Nitrophenol	1450		330	17
83-32-9	Acenaphthene	501		6.7	0.76
208-96-8	Acenaphthylene	491		6.7	0.35
98-86-2	Acetophenone	498		100	9.2
120-12-7	Anthracene	528		6.7	0.78
1912-24-9	Atrazine	1330		200	9.1
100-52-7	Benzaldehyde	1090		100	12
56-55-3	Benzo[a]anthracene	537		6.7	0.63
50-32-8	Benzo[a]pyrene	522		6.7	0.64
205-99-2	Benzo[b]fluoranthene	524		6.7	0.59
191-24-2	Benzo[g,h,i]perylene	567		6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212548/8-A

Matrix: Solid | Lab File ID: 51231004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	525		6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	546		100	22
111-44-4	Bis(2-chloroethyl)ether	501		100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	642		70	19
85-68-7	Butyl benzyl phthalate	609		70	10
105-60-2	Caprolactam	1140		330	37
86-74-8	Carbazole	638		50	27
218-01-9	Chrysene	544		6.7	1.1
53-70-3	Dibenz(a,h)anthracene	581		6.7	0.66
132-64-9	Dibenzofuran	503		50	0.66
84-66-2	Diethyl phthalate	563		70	16
131-11-3	Dimethyl phthalate	550		70	17
84-74-2	Di-n-butyl phthalate	708		70	15
117-84-0	Di-n-octyl phthalate	571		70	7.9
206-44-0	Fluoranthene	589		6.7	0.55
86-73-7	Fluorene	465		6.7	0.53
118-74-1	Hexachlorobenzene	523		6.7	2.1
87-68-3	Hexachlorobutadiene	515		50	5.6
77-47-4	Hexachlorocyclopentadiene	399		330	8.1
67-72-1	Hexachloroethane	520		50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	574		6.7	0.35
78-59-1	Isophorone	555		50	13
621-64-7	N-Nitrosodi-n-propylamine	544		50	6.3
86-30-6	N-Nitrosodiphenylamine	1100		50	21
91-20-3	Naphthalene	501		6.7	0.82
98-95-3	Nitrobenzene	545		100	2.2
87-86-5	Pentachlorophenol	1110		150	9.1
85-01-8	Phenanthrene	530		6.7	0.73
108-95-2	Phenol	505		50	7.3
129-00-0	Pyrene	574		6.7	0.44
15831-10-4	3 & 4 Methylphenol	516		400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212548/8-A

Matrix: Solid | Lab File ID: 51231004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 10:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	81		36-110
4165-62-2	Phenol-d5 (Surr)	80		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	82		20-110
367-12-4	2-Fluorophenol (Surr)	77		24-110
321-60-8	2-Fluorobiphenyl (Surr)	74		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 51231009.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 29.67(g) | Date Analyzed: 12/31/2015 12:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	631		62	4.3
108-60-1	bis (2-chloroisopropyl) ether	607		120	12
95-95-4	2,4,5-Trichlorophenol	627		190	31
88-06-2	2,4,6-Trichlorophenol	670		190	11
120-83-2	2,4-Dichlorophenol	640		190	25
105-67-9	2,4-Dimethylphenol	717		190	25
51-28-5	2,4-Dinitrophenol	1550		410	26
121-14-2	2,4-Dinitrotoluene	788		250	21
606-20-2	2,6-Dinitrotoluene	752		250	26
91-58-7	2-Chloronaphthalene	636		62	0.56
95-57-8	2-Chlorophenol	631		62	10
91-57-6	2-Methylnaphthalene	629		8.3	0.62
95-48-7	2-Methylphenol	623		250	14
88-74-4	2-Nitroaniline	808		250	11
88-75-5	2-Nitrophenol	710		62	10
91-94-1	3,3'-Dichlorobenzidine	1320		120	22
99-09-2	3-Nitroaniline	490		250	20
534-52-1	4,6-Dinitro-2-methylphenol	1620		190	11
101-55-3	4-Bromophenyl phenyl ether	767		62	16
59-50-7	4-Chloro-3-methylphenol	727		190	26
106-47-8	4-Chloroaniline	396		190	21
7005-72-3	4-Chlorophenyl phenyl ether	672		62	16
100-01-6	4-Nitroaniline	664		250	32
100-02-7	4-Nitrophenol	2010		410	21
83-32-9	Acenaphthene	648		8.3	0.94
208-96-8	Acenaphthylene	654		8.3	0.43
98-86-2	Acetophenone	652		120	11
120-12-7	Anthracene	711		8.3	0.97
1912-24-9	Atrazine	1730		250	11
100-52-7	Benzaldehyde	1330		120	15
56-55-3	Benzo[a]anthracene	711		8.3	0.78
50-32-8	Benzo[a]pyrene	713		8.3	0.79
205-99-2	Benzo[b]fluoranthene	746		8.3	0.73
191-24-2	Benzo[g,h,i]perylene	819		8.3	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 51231009.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 29.67(g) | Date Analyzed: 12/31/2015 12:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	712		8.3	0.84
111-91-1	Bis(2-chloroethoxy)methane	681		120	27
111-44-4	Bis(2-chloroethyl)ether	697		120	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	861		87	24
85-68-7	Butyl benzyl phthalate	822		87	12
105-60-2	Caprolactam	1490		410	46
86-74-8	Carbazole	763		62	33
218-01-9	Chrysene	717		8.3	1.4
53-70-3	Dibenz(a,h)anthracene	844		8.3	0.82
132-64-9	Dibenzofuran	669		62	0.82
84-66-2	Diethyl phthalate	779		87	20
131-11-3	Dimethyl phthalate	741		87	21
84-74-2	Di-n-butyl phthalate	937		87	19
117-84-0	Di-n-octyl phthalate	794		87	9.8
206-44-0	Fluoranthene	781		8.3	0.68
86-73-7	Fluorene	631		8.3	0.66
118-74-1	Hexachlorobenzene	709		8.3	2.6
87-68-3	Hexachlorobutadiene	629		62	6.9
77-47-4	Hexachlorocyclopentadiene	333	J	410	10
67-72-1	Hexachloroethane	617		62	11
193-39-5	Indeno[1,2,3-cd]pyrene	811		8.3	0.43
78-59-1	Isophorone	676		62	16
621-64-7	N-Nitrosodi-n-propylamine	674		62	7.8
86-30-6	N-Nitrosodiphenylamine	1440		62	26
91-20-3	Naphthalene	612		8.3	1.0
98-95-3	Nitrobenzene	676		120	2.7
87-86-5	Pentachlorophenol	1520		190	11
85-01-8	Phenanthrene	715		8.3	0.90
108-95-2	Phenol	601		62	9.0
129-00-0	Pyrene	773		8.3	0.55
15831-10-4	3 & 4 Methylphenol	613		500	25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: 51231009.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 29.67(g) | Date Analyzed: 12/31/2015 12:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	89		36-110
4165-62-2	Phenol-d5 (Surr)	80		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	84		20-110
367-12-4	2-Fluorophenol (Surr)	78		24-110
321-60-8	2-Fluorobiphenyl (Surr)	77		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	101		10-110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 51231010.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.03(g) | Date Analyzed: 12/31/2015 13:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	636		61	4.3
108-60-1	bis (2-chloroisopropyl) ether	617		120	12
95-95-4	2,4,5-Trichlorophenol	643		180	31
88-06-2	2,4,6-Trichlorophenol	636		180	11
120-83-2	2,4-Dichlorophenol	646		180	24
105-67-9	2,4-Dimethylphenol	684		180	24
51-28-5	2,4-Dinitrophenol	1450		400	26
121-14-2	2,4-Dinitrotoluene	801		240	21
606-20-2	2,6-Dinitrotoluene	742		240	26
91-58-7	2-Chloronaphthalene	636		61	0.55
95-57-8	2-Chlorophenol	640		61	10
91-57-6	2-Methylnaphthalene	641		8.2	0.61
95-48-7	2-Methylphenol	638		240	13
88-74-4	2-Nitroaniline	791		240	11
88-75-5	2-Nitrophenol	752		61	10
91-94-1	3,3'-Dichlorobenzidine	1470		120	22
99-09-2	3-Nitroaniline	589		240	20
534-52-1	4,6-Dinitro-2-methylphenol	1590		180	11
101-55-3	4-Bromophenyl phenyl ether	736		61	16
59-50-7	4-Chloro-3-methylphenol	726		180	26
106-47-8	4-Chloroaniline	378		180	21
7005-72-3	4-Chlorophenyl phenyl ether	665		61	16
100-01-6	4-Nitroaniline	799		240	32
100-02-7	4-Nitrophenol	1740		400	21
83-32-9	Acenaphthene	636		8.2	0.93
208-96-8	Acenaphthylene	646		8.2	0.43
98-86-2	Acetophenone	648		120	11
120-12-7	Anthracene	704		8.2	0.96
1912-24-9	Atrazine	1740		240	11
100-52-7	Benzaldehyde	1270		120	15
56-55-3	Benzo[a]anthracene	731		8.2	0.77
50-32-8	Benzo[a]pyrene	714		8.2	0.78
205-99-2	Benzo[b]fluoranthene	738		8.2	0.72
191-24-2	Benzo[g,h,i]perylene	783		8.2	0.43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 51231010.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.03(g) | Date Analyzed: 12/31/2015 13:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	716		8.2	0.83
111-91-1	Bis(2-chloroethoxy)methane	683		120	27
111-44-4	Bis(2-chloroethyl)ether	637		120	2.4
117-81-7	Bis(2-ethylhexyl) phthalate	938		86	23
85-68-7	Butyl benzyl phthalate	832		86	12
105-60-2	Caprolactam	1500		400	45
86-74-8	Carbazole	828		61	33
218-01-9	Chrysene	734		8.2	1.3
53-70-3	Dibenz(a,h)anthracene	805		8.2	0.81
132-64-9	Dibenzofuran	656		61	0.81
84-66-2	Diethyl phthalate	764		86	20
131-11-3	Dimethyl phthalate	730		86	21
84-74-2	Di-n-butyl phthalate	939		86	18
117-84-0	Di-n-octyl phthalate	788		86	9.7
206-44-0	Fluoranthene	787		8.2	0.67
86-73-7	Fluorene	619		8.2	0.65
118-74-1	Hexachlorobenzene	682		8.2	2.6
87-68-3	Hexachlorobutadiene	683		61	6.9
77-47-4	Hexachlorocyclopentadiene	302	J	400	9.9
67-72-1	Hexachloroethane	646		61	11
193-39-5	Indeno[1,2,3-cd]pyrene	782		8.2	0.43
78-59-1	Isophorone	691		61	16
621-64-7	N-Nitrosodi-n-propylamine	684		61	7.7
86-30-6	N-Nitrosodiphenylamine	1420		61	26
91-20-3	Naphthalene	623		8.2	1.0
98-95-3	Nitrobenzene	680		120	2.7
87-86-5	Pentachlorophenol	1280		180	11
85-01-8	Phenanthrene	706		8.2	0.89
108-95-2	Phenol	623		61	8.9
129-00-0	Pyrene	766		8.2	0.54
15831-10-4	3 & 4 Methylphenol	618		490	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: 51231010.D

Analysis Method: 8270D | Date Collected: 12/28/2015 10:00

Extract. Method: 3540C | Date Extracted: 12/30/2015 07:05

Sample wt/vol: 30.03(g) | Date Analyzed: 12/31/2015 13:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212723 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	89		36-110
4165-62-2	Phenol-d5 (Surr)	79		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	86		20-110
367-12-4	2-Fluorophenol (Surr)	77		24-110
321-60-8	2-Fluorobiphenyl (Surr)	78		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-110

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/22/2015 12:26

Analysis Batch Number: 211933 End Date: 12/22/2015 20:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-211933/1		12/22/2015 12:26	1	51222001.D	RXI-5SILMS 0.45(mm)
STD5 240-211933/2 IC		12/22/2015 12:48	1	51222002.D	RXI-5SILMS 0.45(mm)
STD4 240-211933/3 IC		12/22/2015 13:13	1	51222003.D	RXI-5SILMS 0.45(mm)
STD3 240-211933/4 IC		12/22/2015 13:39	1	51222004.D	RXI-5SILMS 0.45(mm)
STD2 240-211933/5 IC		12/22/2015 14:04	1	51222005.D	RXI-5SILMS 0.45(mm)
STD1 240-211933/6 IC		12/22/2015 14:30	1	51222006.D	RXI-5SILMS 0.45(mm)
STD9 240-211933/7 IC		12/22/2015 14:56	1	51222007.D	RXI-5SILMS 0.45(mm)
STD8 240-211933/8 IC		12/22/2015 15:21	1	51222008.D	RXI-5SILMS 0.45(mm)
STD7 240-211933/9 IC		12/22/2015 15:47	1	51222009.D	RXI-5SILMS 0.45(mm)
STD6 240-211933/10 ICIS		12/22/2015 16:12	1	51222010.D	RXI-5SILMS 0.45(mm)
ICV 240-211933/11		12/22/2015 16:38	1	51222011.D	RXI-5SILMS 0.45(mm)
STD5 240-211933/12 IC		12/22/2015 17:03	1		RXI-5SILMS 0.45(mm)
STD4 240-211933/13 IC		12/22/2015 17:29	1		RXI-5SILMS 0.45(mm)
STD3 240-211933/14 IC		12/22/2015 17:54	1		RXI-5SILMS 0.45(mm)
STD2 240-211933/15 IC		12/22/2015 18:20	1		RXI-5SILMS 0.45(mm)
STD6 240-211933/16 IC		12/22/2015 18:45	1		RXI-5SILMS 0.45(mm)
STD7 240-211933/17 IC		12/22/2015 19:10	1		RXI-5SILMS 0.45(mm)
STD8 240-211933/18 IC		12/22/2015 19:36	1		RXI-5SILMS 0.45(mm)
STD9 240-211933/19 IC		12/22/2015 20:02	1		RXI-5SILMS 0.45(mm)
ICV 240-211933/20		12/22/2015 20:27	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/31/2015 09:15

Analysis Batch Number: 212723 End Date: 12/31/2015 17:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-212723/1		12/31/2015 09:15	1	51231001.D	RXI-5SILMS 0.45(mm)
CCV 240-212723/2 CCVIS		12/31/2015 09:36	1	51231002.D	RXI-5SILMS 0.45(mm)
MB 240-212548/7-A		12/31/2015 10:02	1	51231003.D	RXI-5SILMS 0.45(mm)
LCS 240-212548/8-A		12/31/2015 10:53	1	51231004.D	RXI-5SILMS 0.45(mm)
240-59482-3	F-VB-UST-P-8	12/31/2015 12:08	1	51231007.D	RXI-5SILMS 0.45(mm)
240-59482-2	F-VB-UST-P-7	12/31/2015 12:33	1	51231008.D	RXI-5SILMS 0.45(mm)
240-59482-2 MS	F-VB-UST-P-7 MS	12/31/2015 12:58	1	51231009.D	RXI-5SILMS 0.45(mm)
240-59482-2 MSD	F-VB-UST-P-7 MSD	12/31/2015 13:23	1	51231010.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 13:49	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 14:14	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 14:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 15:04	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 15:30	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 15:55	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 16:20	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 16:45	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/31/2015 17:11	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212548 Batch Start Date: 12/30/15 08:55 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 12/31/15 12:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00033	exBNASPIKE 00055	exBNASURR W 00030	
240-59482-2	F-VB-UST-P-7	3540C, 8270D	T	30.06 g	2 mL			1 mL	
240-59482-3	F-VB-UST-P-8	3540C, 8270D	T	30.35 g	2 mL			1 mL	
240-59482-2 MS	F-VB-UST-P-7	3540C, 8270D	T	29.67 g	2 mL	1 mL	1 mL	1 mL	
240-59482-2 MSD	F-VB-UST-P-7	3540C, 8270D	T	30.03 g	2 mL	1 mL	1 mL	1 mL	
MB 240-212548/7		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-212548/8		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339911
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2348898

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - GRO

Nonhalogenated Organics using GC/FID - Modified (Gasoline Range Organics) by Method 8015C

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45(mm)

Client Sample ID	Lab Sample ID	TFT1 #
F-VB-UST-P-7	240-59482-2	70
F-VB-UST-P-8	240-59482-3	67
	MB 240-212559/1-A	68
	LCS 240-212559/2-A	90
F-VB-UST-P-7 MS	240-59482-2 MS	82
F-VB-UST-P-7 MSD	240-59482-2 MSD	82

	QC LIMITS
TFT = Trifluorotoluene (Surr)	40-139

Column to be used to flag recovery values

FORM II 8015C

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0122920.D

Lab ID: LCS 240-212559/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	771	96	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0122922.D

Lab ID: 240-59482-2 MS Client ID: F-VB-UST-P-7 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	979	56 U	885	90	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Y0122923.D

Lab ID: 240-59482-2 MSD Client ID: F-VB-UST-P-7 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	973	841	86	5	40	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: MB 240-212559/1-A

Matrix: Solid Date Extracted: 12/30/2015 07:39

Lab File ID:(1) Y0122919.D Lab File ID:(2)

Date Analyzed:(1) 12/30/2015 09:18 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-212559/2-A	12/30/2015 09:50	
F-VB-UST-P-7	240-59482-2	12/30/2015 10:23	
F-VB-UST-P-7 MS	240-59482-2 MS	12/30/2015 10:57	
F-VB-UST-P-7 MSD	240-59482-2 MSD	12/30/2015 11:31	
F-VB-UST-P-8	240-59482-3	12/30/2015 12:04	

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCVRT 240-212533/4 Date Analyzed: 12/30/2015 06:31

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): Y0122914.D Heated Purge: (Y/N) N

Calibration ID: 31080

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.73		
UPPER LIMIT				9.83		
LOWER LIMIT				9.63		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-212533/4		12/30/2015 06:31	Y0122914.D	9.73		
CCV 240-212533/8		12/30/2015 08:44	Y0122918.D	9.74		
MB 240-212559/1-A		12/30/2015 09:18	Y0122919.D	9.73		
LCS 240-212559/2-A		12/30/2015 09:50	Y0122920.D	9.73		
240-59482-2	F-VB-UST-P-7	12/30/2015 10:23	Y0122921.D	9.73		
240-59482-2 MS	F-VB-UST-P-7 MS	12/30/2015 10:57	Y0122922.D	9.74		
240-59482-2 MSD	F-VB-UST-P-7 MSD	12/30/2015 11:31	Y0122923.D	9.73		
240-59482-3	F-VB-UST-P-8	12/30/2015 12:04	Y0122924.D	9.73		
CCV 240-212533/17		12/30/2015 13:44	Y0122927.D	9.74		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: Y0122921.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.05(g) | Date Analyzed: 12/30/2015 10:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212533 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	56	U	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	70		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: Y0122924.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:30

Sample wt/vol: 5.00(g) | Date Analyzed: 12/30/2015 12:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.1 | Level: (low/med) Low

Analysis Batch No.: 212533 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	67		40-139

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Gasoline Range Organics [C6 - C10]	12.032	12.032	12.032	12.032	12.032	12.032					4.928 - 19.136	12.032
C6-C12	13.458	13.458	13.458	13.458	13.458	13.458					4.928 - 21.988	13.458
Trifluorotoluene (Surr)	9.720	9.722	9.720	9.726	9.719	9.722					9.476 - 9.976	9.722

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Gasoline Range Organics [C6 - C10]	188416 173575	165916 171151	176757	171370	Ave		174530.549				4.4		20.0			
C6-C12	222173 187083	182916 184022	192254	185117	Ave		192260.693				7.8		20.0			
Trifluorotoluene (Surr)	210718 163918	183500 159255	169226	148916	Ave		172588.858				12.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 201382

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2015 10:39 Calibration End Date: 10/12/2015 13:35 Calibration ID: 31080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-201382/4	Y0101204.D
Level 2	STD2 240-201382/5	Y0101205.D
Level 3	STD3 240-201382/6	Y0101206.D
Level 4	STD4 240-201382/7	Y0101207.D
Level 5	STD5 240-201382/8	Y0101208.D
Level 6	STD6 240-201382/9	Y0101209.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Gasoline Range Organics [C6 - C10]	Ave	18841554 273840999	33183190	70702651	137095852	208289684	100 1600	200	400	800	1200
C6-C12	Ave	22217288 294434655	36583184	76901726	148093223	224499426	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	210718 7962770	367000	846131	1489159	3278353	1.00 50.0	2.00	5.00	10.0	20.0

Curve Type Legend:
Ave = Average

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-201382/10 Calibration Date: 10/12/2015 14:09

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0101210.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	167422		767	800	-4.1	20.0
C6-C12	Ave	192261	181216		754	800	-5.7	20.0
Trifluorotoluene (Surr)	Ave	172589	166182		9.63	10.0	-3.7	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-201382/10 Calibration Date: 10/12/2015 14:09

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0101210.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.03	4.93	19.14
C6-C12	13.46	4.93	21.99
Trifluorotoluene (Surr)	9.72	9.48	9.98

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCVRT 240-212533/4 Calibration Date: 12/30/2015 06:31

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122914.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	177649		814	800	1.8	20.0
C6-C12	Ave	192261	193248		804	800	0.5	20.0
Trifluorotoluene (Surr)	Ave	172589	139370		8.08	10.0	-19.2	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCVRT 240-212533/4 Calibration Date: 12/30/2015 06:31

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122914.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.01	4.90	19.12
C6-C12	13.44	4.90	21.98
Trifluorotoluene (Surr)	9.73	9.48	9.98

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212533/8 Calibration Date: 12/30/2015 08:44

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122918.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	179834		824	800	3.0	20.0
C6-C12	Ave	192261	193369		805	800	0.6	20.0
Trifluorotoluene (Surr)	Ave	172589	138663		8.03	10.0	-19.7	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212533/8 Calibration Date: 12/30/2015 08:44

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122918.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.01	4.90	19.12
C6-C12	13.44	4.90	21.98
Trifluorotoluene (Surr)	9.74	9.48	9.98

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212533/17 Calibration Date: 12/30/2015 13:44

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122927.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	174531	159489		731	800	-8.6	20.0
C6-C12	Ave	192261	172448		718	800	-10.3	20.0
Trifluorotoluene (Surr)	Ave	172589	139318		8.07	10.0	-19.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212533/17 Calibration Date: 12/30/2015 13:44

Instrument ID: YPID Calib Start Date: 10/12/2015 10:39

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/12/2015 13:35

Lab File ID: Y0122927.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Gasoline Range Organics [C6 - C10]	12.01	4.90	19.12
C6-C12	13.44	4.90	21.98
Trifluorotoluene (Surr)	9.74	9.48	9.98

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-212559/1-A

Matrix: Solid Lab File ID: Y0122919.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/30/2015 09:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212533 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	68		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-212559/2-A

Matrix: Solid Lab File ID: Y0122920.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/30/2015 09:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 212533 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	771		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	90		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MS | Lab Sample ID: 240-59482-2 MS

Matrix: Solid | Lab File ID: Y0122922.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.01(g) | Date Analyzed: 12/30/2015 10:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212533 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	885		120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	82		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 MSD | Lab Sample ID: 240-59482-2 MSD

Matrix: Solid | Lab File ID: Y0122923.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:00

Sample wt/vol: 5.04(g) | Date Analyzed: 12/30/2015 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 212533 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	841		120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	82		40-139

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: YPID Start Date: 10/12/2015 10:39

Analysis Batch Number: 201382 End Date: 10/12/2015 15:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-201382/4 IC		10/12/2015 10:39	1	Y0101204.D	RTX-VRX 0.45(mm)
STD2 240-201382/5 IC		10/12/2015 11:13	1	Y0101205.D	RTX-VRX 0.45(mm)
STD3 240-201382/6 IC		10/12/2015 11:49	1	Y0101206.D	RTX-VRX 0.45(mm)
STD4 240-201382/7 IC		10/12/2015 12:23	1	Y0101207.D	RTX-VRX 0.45(mm)
STD5 240-201382/8 IC		10/12/2015 12:59	1	Y0101208.D	RTX-VRX 0.45(mm)
STD6 240-201382/9 IC		10/12/2015 13:35	1	Y0101209.D	RTX-VRX 0.45(mm)
ICV 240-201382/10		10/12/2015 14:09	1	Y0101210.D	RTX-VRX 0.45(mm)
ZZZZZ		10/12/2015 14:45	2		RTX-VRX 0.45(mm)
CCV 240-201382/12		10/12/2015 15:19	1		RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: YPID Start Date: 12/30/2015 06:31

Analysis Batch Number: 212533 End Date: 12/30/2015 13:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-212533/4		12/30/2015 06:31	1	Y0122914.D	RTX-VRX 0.45(mm)
CCV 240-212533/8		12/30/2015 08:44	1	Y0122918.D	RTX-VRX 0.45(mm)
MB 240-212559/1-A		12/30/2015 09:18	1	Y0122919.D	RTX-VRX 0.45(mm)
LCS 240-212559/2-A		12/30/2015 09:50	1	Y0122920.D	RTX-VRX 0.45(mm)
240-59482-2	F-VB-UST-P-7	12/30/2015 10:23	1	Y0122921.D	RTX-VRX 0.45(mm)
240-59482-2 MS	F-VB-UST-P-7 MS	12/30/2015 10:57	1	Y0122922.D	RTX-VRX 0.45(mm)
240-59482-2 MSD	F-VB-UST-P-7 MSD	12/30/2015 11:31	1	Y0122923.D	RTX-VRX 0.45(mm)
240-59482-3	F-VB-UST-P-8	12/30/2015 12:04	1	Y0122924.D	RTX-VRX 0.45(mm)
ZZZZZ		12/30/2015 13:10	1		RTX-VRX 0.45(mm)
CCV 240-212533/17		12/30/2015 13:44	1	Y0122927.D	RTX-VRX 0.45(mm)

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212559 Batch Start Date: 12/30/15 07:39 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-212559/1		5030A, 8015C		5 g	5 mL				
LCS 240-212559/2		5030A, 8015C		5 g	5 mL				
240-59482-2	F-VB-UST-P-7	5030A, 8015C	T	5.05 g	5 mL				
240-59482-2 MS	F-VB-UST-P-7	5030A, 8015C	T	5.01 g	5 mL				
240-59482-2 MSD	F-VB-UST-P-7	5030A, 8015C	T	5.04 g	5 mL				
240-59482-3	F-VB-UST-P-8	5030A, 8015C	T	5.00 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015C - DRO

Nonhalogenated Organics using GC/FID - Modified (Diesel Range Organics) by Method 8015C

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	OTPH1 #
F-VB-UST-P-7	240-59482-2	92
F-VB-UST-P-8	240-59482-3	104
	MB 240-212549/8-A	90
	LCS 240-212549/9-A	97

	QC LIMITS
OTPH = o-Terphenyl (Surr)	40-160

Column to be used to flag recovery values

FORM II 8015C

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5F23116.D

Lab ID: LCS 240-212549/9-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	84.0	75.4	90	52-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: MB 240-212549/8-A

Matrix: Solid Date Extracted: 12/30/2015 07:14

Lab File ID:(1) P5F23115.D Lab File ID:(2)

Date Analyzed:(1) 12/31/2015 20:19 Date Analyzed:(2)

Instrument ID:(1) A2HP5F Instrument ID:(2)

GC Column:(1) ID: GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
F-VB-UST-P-7	240-59482-2	12/31/2015 17:44	
F-VB-UST-P-8	240-59482-3	12/31/2015 18:15	
	LCS 240-212549/9-A	12/31/2015 20:50	

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: STD3 240-210457/10 Date Analyzed: 12/11/2015 18:19

Instrument ID: A2HP5F GC Column: ID: ()

Lab File ID (Standard): P5F21110.D Heated Purge: (Y/N) N

Calibration ID: 32080

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				9.84		
UPPER LIMIT				9.94		
LOWER LIMIT				9.74		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-210457/10 ICRT		12/11/2015 18:19	P5F21110.D	9.84		

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCV 240-212780/7 Date Analyzed: 12/31/2015 16:11

Instrument ID: A2HP5F GC Column: ID: ()

Lab File ID (Standard): P5F23107.D Heated Purge: (Y/N) N

Calibration ID: 32080

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-212780/7 CCVRT		12/31/2015 16:11	P5F23107.D	9.83		
240-59482-2	F-VB-UST-P-7	12/31/2015 17:44	P5F23110.D	9.83		
240-59482-3	F-VB-UST-P-8	12/31/2015 18:15	P5F23111.D	9.83		
MB 240-212549/8-A		12/31/2015 20:19	P5F23115.D	9.83		
LCS 240-212549/9-A		12/31/2015 20:50	P5F23116.D	9.83		
CCV 240-212780/17		12/31/2015 21:21	P5F23117.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: P5F23110.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:00

Extraction Method: 3540C | Date Extracted: 12/30/2015 07:14

Sample wt/vol: 29.97(g) | Date Analyzed: 12/31/2015 17:44

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212780 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.9	U	20	7.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	92		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: P5F23111.D

Analysis Method: 8015C | Date Collected: 12/28/2015 10:30

Extraction Method: 3540C | Date Extracted: 12/30/2015 07:14

Sample wt/vol: 29.78(g) | Date Analyzed: 12/31/2015 18:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212780 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	42		20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	104		40-160

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210457

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2015 17:00 Calibration End Date: 12/11/2015 19:39 Calibration ID: 32080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-210457/8	P5F21108.D
Level 2	STD2 240-210457/9	P5F21109.D
Level 3	STD3 240-210457/10	P5F21110.D
Level 4	STD4 240-210457/11	P5F21111.D
Level 5	STD5 240-210457/12	P5F21112.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.334	9.334	9.334	9.334	9.334						5.118 - 13.551	9.334
o-Terphenyl (Surr)	9.835	9.836	9.837	9.838	9.840						9.735 - 9.935	9.837

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210457

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2015 17:00 Calibration End Date: 12/11/2015 19:39 Calibration ID: 32080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-210457/8	P5F21108.D
Level 2	STD2 240-210457/9	P5F21109.D
Level 3	STD3 240-210457/10	P5F21110.D
Level 4	STD4 240-210457/11	P5F21111.D
Level 5	STD5 240-210457/12	P5F21112.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	156544 134522	139315	139028	130044	Ave		139890.741				7.2		20.0			
o-Terphenyl (Surr)	166040 172555	155445	168395	159963	Ave		164479.356				4.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 210457

SDG No.:

Instrument ID: A2HP5F GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2015 17:00 Calibration End Date: 12/11/2015 19:39 Calibration ID: 32080

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-210457/8	P5F21108.D
Level 2	STD2 240-210457/9	P5F21109.D
Level 3	STD3 240-210457/10	P5F21110.D
Level 4	STD4 240-210457/11	P5F21111.D
Level 5	STD5 240-210457/12	P5F21112.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	15654411	27863003	69514146	130044202	269044173	100	200	500	1000	2000
o-Terphenyl (Surr)	Ave	1328317	2487115	6735786	12797061	27608729	8.00	16.0	40.0	80.0	160

Curve Type Legend:
Ave = Average

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210457/13 Calibration Date: 12/11/2015 20:19

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F21113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	139891	132891		476	502	-5.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-210457/13 Calibration Date: 12/11/2015 20:19

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F21113.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.33	5.12	13.55

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212780/7 Calibration Date: 12/31/2015 16:11

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F23107.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	139891	142174		508	500	1.6	20.0
o-Terphenyl (Surr)	Ave	164479	176161		42.8	40.0	7.1	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212780/7 Calibration Date: 12/31/2015 16:11

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F23107.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.32	5.10	13.54
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212780/17 Calibration Date: 12/31/2015 21:21

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F23117.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	139891	144589		517	500	3.4	20.0
o-Terphenyl (Surr)	Ave	164479	186811		45.4	40.0	13.6	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212780/17 Calibration Date: 12/31/2015 21:21

Instrument ID: A2HP5F Calib Start Date: 12/11/2015 17:00

GC Column: ID: Calib End Date: 12/11/2015 19:39

Lab File ID: P5F23117.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.32	5.10	13.54
o-Terphenyl (Surr)	9.83	9.73	9.93

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212549/8-A

Matrix: Solid | Lab File ID: P5F23115.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/30/2015 07:14

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 20:19

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212780 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	6.4	U	17	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	90		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212549/9-A

Matrix: Solid | Lab File ID: P5F23116.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/30/2015 07:14

Sample wt/vol: 30(g) | Date Analyzed: 12/31/2015 20:50

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212780 | Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	97		40-160

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP5F Start Date: 12/11/2015 17:00

Analysis Batch Number: 210457 End Date: 12/12/2015 02:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-210457/8 IC		12/11/2015 17:00	1	P5F21108.D	
STD2 240-210457/9 IC		12/11/2015 17:40	1	P5F21109.D	
STD3 240-210457/10 ICRT		12/11/2015 18:19	1	P5F21110.D	
STD4 240-210457/11 IC		12/11/2015 18:59	1	P5F21111.D	
STD5 240-210457/12 IC		12/11/2015 19:39	1	P5F21112.D	
ICV 240-210457/13		12/11/2015 20:19	1	P5F21113.D	
ZZZZZ		12/11/2015 20:58	1		
ZZZZZ		12/11/2015 21:38	1		
ZZZZZ		12/11/2015 23:37	1		
ZZZZZ		12/12/2015 00:17	1		
ZZZZZ		12/12/2015 00:57	1		
ZZZZZ		12/12/2015 01:37	1		
CCV 240-210457/22		12/12/2015 02:17	1		

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP5F Start Date: 12/31/2015 16:11

Analysis Batch Number: 212780 End Date: 12/31/2015 21:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-212780/7 CCVRT		12/31/2015 16:11	1	P5F23107.D	
ZZZZZ		12/31/2015 16:42	10		
ZZZZZ		12/31/2015 17:13	1		
240-59482-2	F-VB-UST-P-7	12/31/2015 17:44	1	P5F23110.D	
240-59482-3	F-VB-UST-P-8	12/31/2015 18:15	1	P5F23111.D	
ZZZZZ		12/31/2015 18:46	1		
ZZZZZ		12/31/2015 19:17	10		
ZZZZZ		12/31/2015 19:47	10		
MB 240-212549/8-A		12/31/2015 20:19	1	P5F23115.D	
LCS 240-212549/9-A		12/31/2015 20:50	1	P5F23116.D	
CCV 240-212780/17		12/31/2015 21:21	1	P5F23117.D	

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212549 Batch Start Date: 12/30/15 08:55 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 12/31/15 12:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exDIESELSPKw 00069	exOTPSURRW 00007		
240-59482-2	F-VB-UST-P-7	3540C, 8015C	T	29.97 g	5 mL		1 mL		
240-59482-3	F-VB-UST-P-8	3540C, 8015C	T	29.78 g	5 mL		1 mL		
MB 240-212549/8		3540C, 8015C		30 g	5 mL		1 mL		
LCS 240-212549/9		3540C, 8015C		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339911
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2348898

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): CLP-1 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX2 #	DCB2 #
F-VB-UST-P-7	240-59482-2	84	72
F-VB-UST-P-8	240-59482-3	57	92
	MB 240-212544/7-A	106	110
	LCS 240-212544/8-A	102	110
	240-59503-G-4-B MS	44	43
	240-59503-G-4-C MSD	31 p	37

	QC LIMITS
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200020.D

Lab ID: LCS 240-212544/8-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	314	94	51-120	
Aroclor-1260	333	337	101	48-120	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200017.D

Lab ID: 240-59503-G-4-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	442	16 U	175	40	17-141	
Aroclor-1260	442	12 U	143	32	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1200018.D

Lab ID: 240-59503-G-4-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	441	148	33	17	56	17-141	
Aroclor-1260	441	118	27	29	55	19-137	p

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: MB 240-212544/7-A

Matrix: Solid Date Extracted: 12/30/2015 06:54

Lab File ID:(1) Lab File ID:(2) P1200019.D

Date Analyzed:(1) Date Analyzed:(2) 01/04/2016 12:43

Instrument ID:(1) Instrument ID:(2) A2HP12

GC Column:(1) ID: GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
F-VB-UST-P-7	240-59482-2		01/04/2016 10:19
F-VB-UST-P-8	240-59482-3		01/04/2016 10:37
	240-59503-G-4-B MS		01/04/2016 12:07
	240-59503-G-4-C MSD		01/04/2016 12:25
	LCS 240-212544/8-A		01/04/2016 13:01

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: STD05 240-207007/31 Date Analyzed: 11/17/2015 04:23

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200066.D Heated Purge: (Y/N) N

Calibration ID: 31555

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		188112954	2.68				
UPPER LIMIT		376225908	3.18				
LOWER LIMIT		94056477	2.18				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-207007/39		184850376	2.69				
CCV 240-212845/3 CCVIS		201292307	2.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Sample No.: CCV 240-212845/3 Date Analyzed: 01/04/2016 07:42

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1200003.D Heated Purge: (Y/N) N

Calibration ID: 31555

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		201292307	2.69				
UPPER LIMIT		402584614	3.19				
LOWER LIMIT		100646154	2.19				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-212845/4		193760566	2.69				
CCV 240-212845/5		196884227	2.69				
CCV 240-212845/6		201868653	2.69				
CCV 240-212845/7		187655215	2.69				
240-59482-2	F-VB-UST-P-7	208904735	2.70				
240-59482-3	F-VB-UST-P-8	184367355	2.69				
240-59503-G-4-B MS		229769056	2.69				
240-59503-G-4-C MSD		314864953	2.69				
MB 240-212544/7-A		199821577	2.69				
LCS 240-212544/8-A		199206956	2.70				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-59503-G-4-B MS

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 01/04/2016 12:07

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	233	175	
		2	5.11	5.08	5.14	200		
		3	5.72	5.71	5.77	94.1		
		4	5.91	5.88	5.94	165		
		5	6.45	6.42	6.48	183		
Aroclor-1260	1	1	7.95	7.92	7.98	156	143	
		2	8.28	8.26	8.32	149		
		3	8.61	8.58	8.64	137		
		4	9.40	9.37	9.43	138		
		5	9.71	9.69	9.75	136		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: 240-59503-G-4-C MSD

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 01/04/2016 12:25

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	241	148	
		2	5.11	5.08	5.14	135		
		3	5.73	5.71	5.77	113		
		4	5.91	5.88	5.94	119		
		5	6.44	6.42	6.48	130		
Aroclor-1260	1	1	7.95	7.92	7.98	127	118	
		2	8.28	8.26	8.32	120		
		3	8.61	8.58	8.64	113		
		4	9.39	9.37	9.43	119		
		5	9.71	9.69	9.75	113		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-212544/8-A

Instrument ID (1): Instrument ID (2): A2HP12

Date Analyzed (1): Date Analyzed (2): 01/04/2016 13:01

GC Column (1): ID: GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	4.61	4.58	4.64	326	314	
		2	5.12	5.08	5.14	326		
		3	5.74	5.71	5.77	269		
		4	5.92	5.88	5.94	332		
		5	6.45	6.42	6.48	319		
Aroclor-1260	1	1	7.95	7.92	7.98	332	337	
		2	8.29	8.26	8.32	336		
		3	8.61	8.58	8.64	315		
		4	9.40	9.37	9.43	370		
		5	9.72	9.69	9.75	333		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-7 | Lab Sample ID: 240-59482-2

Matrix: Solid | Lab File ID: P1200011.D

Analysis Method: 8082A | Date Collected: 12/28/2015 10:00

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 29.83(g) | Date Analyzed: 01/04/2016 10:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.9	U	41	9.9
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		13-134
2051-24-3	DCB Decachlorobiphenyl	72		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: F-VB-UST-P-8 | Lab Sample ID: 240-59482-3

Matrix: Solid | Lab File ID: P1200012.D

Analysis Method: 8082A | Date Collected: 12/28/2015 10:30

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 29.77(g) | Date Analyzed: 01/04/2016 10:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		13-134
2051-24-3	DCB Decachlorobiphenyl	92		10-155

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 20:14 Calibration End Date: 11/16/2015 21:45 Calibration ID: 31527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/4	P1200039.D
Level 2	STD01 240-207007/5	P1200040.D
Level 3	STD02 240-207007/6	P1200041.D
Level 4	STD05 240-207007/7	P1200042.D
Level 5	STD1 240-207007/8	P1200043.D
Level 6	STD2 240-207007/9	P1200044.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0146 0.0120	0.0146	0.0137	0.0137	0.0123	Lin1	0.0002	0.0122							0.9980		0.9900
PCB-1232 Peak 2	0.0104 0.0088	0.0106	0.0101	0.0100	0.0090	Lin1	0.0001	0.0089							0.9980		0.9900
PCB-1232 Peak 3	0.0214 0.0206	0.0218	0.0204	0.0219	0.0205	Lin1	0.0001	0.0207							0.9990		0.9900
PCB-1232 Peak 4	0.0088 0.0084	0.0090	0.0081	0.0093	0.0085	Lin1	0	0.0085							0.9980		0.9900
PCB-1232 Peak 5	0.0088 0.0076	0.0092	0.0087	0.0086	0.0078	Lin1	0.0001	0.0078							0.9980		0.9900
PCB-1262 Peak 1	0.0288 0.0238	0.0249	0.0236	0.0241	0.0228	Lin1	0.0002	0.0233							0.9990		0.9900
PCB-1262 Peak 2	0.0420 0.0453	0.0443	0.0426	0.0462	0.0441	Lin1	0	0.0452							1.0000		0.9900
PCB-1262 Peak 3	0.0380 0.0415	0.0404	0.0397	0.0426	0.0405	Lin1	0	0.0415							1.0000		0.9900
PCB-1262 Peak 4	0.0853 0.0976	0.0928	0.0961	0.0994	0.0962	Lin1	-0.001	0.0979							1.0000		0.9900
PCB-1262 Peak 5	0.0364 0.0385	0.0386	0.0374	0.0395	0.0372	Lin1	0	0.0383							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 20:14 Calibration End Date: 11/16/2015 21:45 Calibration ID: 31527

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/4	P1200039.D
Level 2	STD01 240-207007/5	P1200040.D
Level 3	STD02 240-207007/6	P1200041.D
Level 4	STD05 240-207007/7	P1200042.D
Level 5	STD1 240-207007/8	P1200043.D
Level 6	STD2 240-207007/9	P1200044.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Lin1	2864462 94613461	5743911	10579052	25148552	48682811	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Lin1	2042318 69008204	4176797	7799621	18338381	35520928	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Lin1	4204092 162234139	8567857	15765426	40096819	80981509	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Lin1	1732949 65818756	3551392	6289163	17045553	33804666	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Lin1	1725581 59962732	3622594	6723266	15858414	31021460	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Lin1	5662298 186973877	9773527	18252707	44264730	89983608	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Lin1	8249286 356026718	17431705	32928458	84853483	174547806	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Lin1	7469803 326504754	15875631	30684939	78118840	160322518	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Lin1	16781995 766924713	36487355	74250353	182460886	380317708	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Lin1	7158889 302670598	15182112	28944443	72530686	147149653	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 22:03 Calibration End Date: 11/16/2015 23:33 Calibration ID: 31533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/10	P1200045.D
Level 2	STD01 240-207007/11	P1200046.D
Level 3	STD02 240-207007/12	P1200047.D
Level 4	STD05 240-207007/13	P1200048.D
Level 5	STD1 240-207007/14	P1200049.D
Level 6	STD2 240-207007/15	P1200050.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0115 0.0082	0.0100	0.0094	0.0091	0.0087	Lin1	0.0002	0.0083							0.9990		0.9900
PCB-1242 Peak 2	0.0201 0.0153	0.0180	0.0172	0.0169	0.0161	Lin1	0.0003	0.0155							0.9990		0.9900
PCB-1242 Peak 3	0.0408 0.0378	0.0334	0.0373	0.0380	0.0380	Lin1	0	0.0379							0.9990		0.9900
PCB-1242 Peak 4	0.0176 0.0154	0.0131	0.0162	0.0160	0.0157	Lin1	0	0.0155							0.9980		0.9900
PCB-1242 Peak 5	0.0196 0.0154	0.0173	0.0163	0.0163	0.0157	Lin1	0.0002	0.0155							1.0000		0.9900
PCB-1268 Peak 1	0.1160 0.1140	0.1051	0.1050	0.1121	0.1102	Lin1	0	0.1126							0.9990		0.9900
PCB-1268 Peak 2	0.1129 0.1102	0.1035	0.1031	0.1082	0.1086	Lin1	0	0.1094							1.0000		0.9900
PCB-1268 Peak 3	0.0941 0.0941	0.0865	0.0873	0.0935	0.0918	Lin1	0	0.0934							1.0000		0.9900
PCB-1268 Peak 4	0.0427 0.0386	0.0375	0.0368	0.0384	0.0379	Lin1	0.0001	0.0382							1.0000		0.9900
PCB-1268 Peak 5	0.3010 0.3253	0.2825	0.2850	0.3104	0.3105	Lin1	-0.003	0.3204							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 22:03 Calibration End Date: 11/16/2015 23:33 Calibration ID: 31533

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/10	P1200045.D
Level 2	STD01 240-207007/11	P1200046.D
Level 3	STD02 240-207007/12	P1200047.D
Level 4	STD05 240-207007/13	P1200048.D
Level 5	STD1 240-207007/14	P1200049.D
Level 6	STD2 240-207007/15	P1200050.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Lin1	2149767 64172683	3972268	7542438	18026385	33712614	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Lin1	3777832 120095985	7167048	13831308	33547847	62739379	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Lin1	7649911 296721464	13315192	29900733	75211737	147999390	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Lin1	3299090 120600215	5223145	12995644	31796203	60982553	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Lin1	3672196 121118126	6903841	13110974	32386776	61129587	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Lin1	21759307 894333238	41863019	84230109	222130676	428635453	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Lin1	21178393 864175846	41209432	82708339	214470756	422311987	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Lin1	17646266 738380844	34461725	70030810	185306823	357127789	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Lin1	8003779 302725873	14951207	29550936	76139152	147585310	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Lin1	56470647 2551765384	112539547	228706125	615081152	1208047688	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 23:51 Calibration End Date: 11/17/2015 01:22 Calibration ID: 31539

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/16	P1200051.D
Level 2	STD01 240-207007/17	P1200052.D
Level 3	STD02 240-207007/18	P1200053.D
Level 4	STD05 240-207007/19	P1200054.D
Level 5	STD1 240-207007/20	P1200055.D
Level 6	STD2 240-207007/21	P1200056.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0111 0.0082	0.0099	0.0099	0.0090	0.0084	Lin1	0.0002	0.0082							0.9990		0.9900
PCB-1248 Peak 2	0.0277 0.0242	0.0256	0.0251	0.0243	0.0239	Lin1	0.0002	0.0240							1.0000		0.9900
PCB-1248 Peak 3	0.0240 0.0225	0.0232	0.0233	0.0226	0.0219	Lin1	0.0001	0.0223							1.0000		0.9900
PCB-1248 Peak 4	0.0199 0.0193	0.0194	0.0192	0.0192	0.0190	Lin1	0	0.0192							1.0000		0.9900
PCB-1248 Peak 5	0.0138 0.0128	0.0122	0.0128	0.0125	0.0116	Lin1	0	0.0124							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2015 23:51 Calibration End Date: 11/17/2015 01:22 Calibration ID: 31539

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/16	P1200051.D
Level 2	STD01 240-207007/17	P1200052.D
Level 3	STD02 240-207007/18	P1200053.D
Level 4	STD05 240-207007/19	P1200054.D
Level 5	STD1 240-207007/20	P1200055.D
Level 6	STD2 240-207007/21	P1200056.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Lin1	2214671 65344382	3893329	7710225	17465613	33070601	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Lin1	5540374 193008938	10066768	19570159	46979815	94056087	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Lin1	4803789 179213673	9149673	18179130	43818711	86223823	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Lin1	3975067 153520953	7642679	14994793	37207246	74584605	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Lin1	2764694 102029173	4797959	10009264	24248210	45732697	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 01:40 Calibration End Date: 11/17/2015 03:10 Calibration ID: 31549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/22	P1200057.D
Level 2	STD01 240-207007/23	P1200058.D
Level 3	STD02 240-207007/24	P1200059.D
Level 4	STD05 240-207007/25	P1200060.D
Level 5	STD1 240-207007/26	P1200061.D
Level 6	STD2 240-207007/27	P1200062.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0083 0.0057	0.0074	0.0067	0.0065	0.0061	Lin1	0.0002	0.0058							0.9980		0.9900
PCB-1221 Peak 2	0.0055 0.0037	0.0049	0.0045	0.0042	0.0039	Lin1	0.0001	0.0037							0.9980		0.9900
PCB-1221 Peak 3	0.0208 0.0145	0.0183	0.0167	0.0164	0.0154	Lin1	0.0004	0.0147							0.9980		0.9900
PCB-1254 Peak 1	0.0259 0.0202	0.0228	0.0210	0.0212	0.0203	Lin1	0.0003	0.0201							1.0000		0.9900
PCB-1254 Peak 2	0.0354 0.0290	0.0313	0.0287	0.0298	0.0292	Lin1	0.0003	0.0289							1.0000		0.9900
PCB-1254 Peak 3	0.0466 0.0419	0.0442	0.0413	0.0427	0.0391	Lin1	0.0003	0.0410							0.9990		0.9900
PCB-1254 Peak 4	0.0442 0.0360	0.0392	0.0345	0.0358	0.0355	Lin1	0.0003	0.0354							0.9990		0.9900
PCB-1254 Peak 5	0.0544 0.0459	0.0486	0.0448	0.0465	0.0453	Lin1	0.0003	0.0454							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 01:40 Calibration End Date: 11/17/2015 03:10 Calibration ID: 31549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/22	P1200057.D
Level 2	STD01 240-207007/23	P1200058.D
Level 3	STD02 240-207007/24	P1200059.D
Level 4	STD05 240-207007/25	P1200060.D
Level 5	STD1 240-207007/26	P1200061.D
Level 6	STD2 240-207007/27	P1200062.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Lin1	1617753 43159048	2834146	5288305	12630620	23444359	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Lin1	1073929 27877416	1853226	3515548	8239497	15092745	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Lin1	4061658 109234720	6958986	13214576	31899214	59455965	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Lin1	5070982 152082598	8694593	16601983	41262994	78538732	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Lin1	6915782 218988362	11916252	22685227	57976400	113180990	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Lin1	9122282 316127715	16841606	32606706	82955431	151535520	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Lin1	8646084 271574308	14939001	27264214	69542078	137323388	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Lin1	10643906 346633557	18530884	35338412	90448562	175425464	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 03:29 Calibration End Date: 11/17/2015 04:59 Calibration ID: 31555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/28	P1200063.D
Level 2	STD01 240-207007/29	P1200064.D
Level 3	STD02 240-207007/30	P1200065.D
Level 4	STD05 240-207007/31	P1200066.D
Level 5	STD1 240-207007/32	P1200067.D
Level 6	STD2 240-207007/33	P1200068.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0130 0.0104	0.0132	0.0125	0.0117	0.0109	Lin1	0.0002	0.0106							0.9980		0.9900
PCB-1016 Peak 2	0.0226 0.0190	0.0238	0.0222	0.0210	0.0197	Lin1	0.0003	0.0193							0.9980		0.9900
PCB-1016 Peak 3	0.0471 0.0469	0.0503	0.0465	0.0479	0.0469	Lin1	0.0001	0.0469							1.0000		0.9900
PCB-1016 Peak 4	0.0212 0.0189	0.0222	0.0202	0.0199	0.0193	Lin1	0.0002	0.0190							1.0000		0.9900
PCB-1016 Peak 5	0.0220 0.0187	0.0228	0.0210	0.0199	0.0191	Lin1	0.0003	0.0188							0.9990		0.9900
PCB-1260 Peak 1	0.0330 0.0301	0.0338	0.0324	0.0309	0.0302	Lin1	0.0003	0.0300							1.0000		0.9900
PCB-1260 Peak 2	0.0622 0.0585	0.0618	0.0622	0.0606	0.0586	Lin1	0.0003	0.0586							1.0000		0.9900
PCB-1260 Peak 3	0.0650 0.0628	0.0634	0.0652	0.0643	0.0626	Lin1	0.0002	0.0629							1.0000		0.9900
PCB-1260 Peak 4	0.0661 0.0714	0.0711	0.0771	0.0773	0.0731	Lin1	0	0.0729							0.9990		0.9900
PCB-1260 Peak 5	0.0374 0.0384	0.0399	0.0382	0.0386	0.0385	Lin1	0	0.0384							1.0000		0.9900
Tetrachloro-m-xylene	0.7048 0.6608	0.7003	0.7144	0.6986	0.6822	Lin1	0.0002	0.6699							0.9990		0.9900
DCB Decachlorobiphenyl	0.7699 0.6896	0.7629	0.7446	0.7316	0.6953	Lin1	0.0003	0.6927							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-59482-1 Analy Batch No.: 207007

SDG No.:

Instrument ID: A2HP12 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/17/2015 03:29 Calibration End Date: 11/17/2015 04:59 Calibration ID: 31555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-207007/28	P1200063.D
Level 2	STD01 240-207007/29	P1200064.D
Level 3	STD02 240-207007/30	P1200065.D
Level 4	STD05 240-207007/31	P1200066.D
Level 5	STD1 240-207007/32	P1200067.D
Level 6	STD2 240-207007/33	P1200068.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Lin1	2707871 80765612	4820722	9085846	22006625	42447741	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Lin1	4700873 147609677	8734684	16183493	39469767	76715703	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Lin1	9792259 364184674	18438138	33886380	90045825	182657834	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Lin1	4396897 147122332	8128551	14710049	37512861	75171974	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Lin1	4563462 145010499	8352402	15341259	37426880	74524891	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Lin1	6849336 233433821	12383500	23597918	58080604	117631104	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Lin1	12922388 454390240	22631342	45372536	113933482	228581266	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Lin1	13513426 488067042	23245320	47522931	120987145	244049421	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Lin1	13737456 554191846	26050869	56208655	145378951	285103725	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Lin1	7764692 298012472	14617316	27852633	72613053	149980149	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	7322625 256611202	12827811	26051804	65705303	132973208	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	7998062 267771950	13974803	27151934	68816182	135510483	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Lin1 = Linear 1/conc ISTD

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-207007/39 Calibration Date: 11/17/2015 06:48

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200074.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0109		1.01	1.00	1.2	20.0
PCB-1016 Peak 2	Lin1		0.0209		1.07	1.00	6.9	20.0
PCB-1016 Peak 3	Lin1		0.0504		1.07	1.00	7.2	20.0
PCB-1016 Peak 4	Lin1		0.0205		1.07	1.00	6.9	20.0
PCB-1016 Peak 5	Lin1		0.0196		1.03	1.00	3.0	20.0
PCB-1260 Peak 1	Lin1		0.0302		0.995	1.00	-0.5	20.0
PCB-1260 Peak 2	Lin1		0.0570		0.967	1.00	-3.3	20.0
PCB-1260 Peak 3	Lin1		0.0535		0.848	1.00	-15.2	20.0
PCB-1260 Peak 4	Lin1		0.0824		1.13	1.00	13.1	20.0
PCB-1260 Peak 5	Lin1		0.0405		1.05	1.00	5.3	20.0
Tetrachloro-m-xylene	Lin1		0.6836		0.0507	0.0500	1.5	20.0
DCB Decachlorobiphenyl	Lin1		0.6921		0.0495	0.0500	-1.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: ICV 240-207007/39 Calibration Date: 11/17/2015 06:48

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200074.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.61	4.58	4.64
PCB-1016 Peak 2	5.11	5.08	5.14
PCB-1016 Peak 3	5.74	5.71	5.77
PCB-1016 Peak 4	5.91	5.88	5.94
PCB-1016 Peak 5	6.45	6.42	6.48
PCB-1260 Peak 1	7.95	7.92	7.98
PCB-1260 Peak 2	8.29	8.26	8.32
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.40	9.37	9.43
PCB-1260 Peak 5	9.72	9.69	9.75
Tetrachloro-m-xylene	4.05	4.02	4.08
DCB Decachlorobiphenyl	10.93	10.90	10.96

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/3 Calibration Date: 01/04/2016 07:42

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0125		0.569	0.500	13.8	20.0
PCB-1016 Peak 2	Lin1		0.0222		0.558	0.500	11.5	20.0
PCB-1016 Peak 3	Lin1		0.0487		0.517	0.500	3.3	20.0
PCB-1016 Peak 4	Lin1		0.0209		0.539	0.500	7.8	20.0
PCB-1016 Peak 5	Lin1		0.0207		0.535	0.500	7.1	20.0
PCB-1260 Peak 1	Lin1		0.0331		0.541	0.500	8.3	20.0
PCB-1260 Peak 2	Lin1		0.0635		0.536	0.500	7.1	20.0
PCB-1260 Peak 3	Lin1		0.0671		0.531	0.500	6.2	20.0
PCB-1260 Peak 4	Lin1		0.0813		0.558	0.500	11.6	20.0
PCB-1260 Peak 5	Lin1		0.0395		0.513	0.500	2.7	20.0
Tetrachloro-m-xylene	Lin1		0.7403		0.0273	0.0250	9.4	20.0
DCB Decachlorobiphenyl	Lin1		0.7093		0.0252	0.0250	0.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/3 Calibration Date: 01/04/2016 07:42

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 03:29

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 04:59

Lab File ID: P1200003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	4.61	4.58	4.64
PCB-1016 Peak 2	5.11	5.08	5.14
PCB-1016 Peak 3	5.74	5.71	5.77
PCB-1016 Peak 4	5.91	5.88	5.94
PCB-1016 Peak 5	6.45	6.42	6.48
PCB-1260 Peak 1	7.95	7.92	7.98
PCB-1260 Peak 2	8.29	8.26	8.32
PCB-1260 Peak 3	8.61	8.58	8.64
PCB-1260 Peak 4	9.40	9.37	9.43
PCB-1260 Peak 5	9.72	9.69	9.75
Tetrachloro-m-xylene	4.05	4.02	4.08
DCB Decachlorobiphenyl	10.92	10.89	10.95

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/4 Calibration Date: 01/04/2016 08:00

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 20:14

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 21:45

Lab File ID: P1200004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin1		0.0149		0.596	0.500	19.1	20.0
PCB-1232 Peak 2	Lin1		0.0107		0.585	0.500	17.0	20.0
PCB-1232 Peak 3	Lin1		0.0217		0.521	0.500	4.2	20.0
PCB-1232 Peak 4	Lin1		0.0093		0.542	0.500	8.4	20.0
PCB-1232 Peak 5	Lin1		0.0092		0.575	0.500	15.1	20.0
PCB-1262 Peak 1	Lin1		0.0258		0.545	0.500	9.0	20.0
PCB-1262 Peak 2	Lin1		0.0457		0.510	0.500	2.0	20.0
PCB-1262 Peak 3	Lin1		0.0438		0.532	0.500	6.4	20.0
PCB-1262 Peak 4	Lin1		0.1069		0.551	0.500	10.3	20.0
PCB-1262 Peak 5	Lin1		0.0421		0.551	0.500	10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/4 Calibration Date: 01/04/2016 08:00

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 20:14

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 21:45

Lab File ID: P1200004.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	4.61	4.58	4.64
PCB-1232 Peak 2	5.11	5.08	5.14
PCB-1232 Peak 3	5.74	5.71	5.77
PCB-1232 Peak 4	5.91	5.88	5.94
PCB-1232 Peak 5	6.45	6.42	6.48
PCB-1262 Peak 1	7.95	7.92	7.98
PCB-1262 Peak 2	8.75	8.72	8.78
PCB-1262 Peak 3	9.03	9.00	9.06
PCB-1262 Peak 4	9.40	9.37	9.43
PCB-1262 Peak 5	9.77	9.74	9.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/5 Calibration Date: 01/04/2016 08:19

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 22:03

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 23:33

Lab File ID: P1200005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0093		0.541	0.500	8.2	20.0
PCB-1242 Peak 2	Lin1		0.0173		0.540	0.500	8.1	20.0
PCB-1242 Peak 3	Lin1		0.0374		0.495	0.500	-0.9	20.0
PCB-1242 Peak 4	Lin1		0.0161		0.518	0.500	3.6	20.0
PCB-1242 Peak 5	Lin1		0.0166		0.522	0.500	4.4	20.0
PCB-1268 Peak 1	Lin1		0.1106		0.494	0.500	-1.2	20.0
PCB-1268 Peak 2	Lin1		0.1122		0.515	0.500	3.0	20.0
PCB-1268 Peak 3	Lin1		0.0943		0.508	0.500	1.7	20.0
PCB-1268 Peak 4	Lin1		0.0381		0.496	0.500	-0.8	20.0
PCB-1268 Peak 5	Lin1		0.3053		0.485	0.500	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/5 Calibration Date: 01/04/2016 08:19

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 22:03

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/16/2015 23:33

Lab File ID: P1200005.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	4.61	4.58	4.64
PCB-1242 Peak 2	5.11	5.08	5.14
PCB-1242 Peak 3	5.74	5.71	5.77
PCB-1242 Peak 4	5.92	5.89	5.95
PCB-1242 Peak 5	6.45	6.42	6.48
PCB-1268 Peak 1	9.77	9.74	9.80
PCB-1268 Peak 2	9.81	9.78	9.84
PCB-1268 Peak 3	10.03	10.00	10.06
PCB-1268 Peak 4	10.44	10.41	10.47
PCB-1268 Peak 5	10.74	10.71	10.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/6 Calibration Date: 01/04/2016 08:37

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 23:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 01:22

Lab File ID: P1200006.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin1		0.0100		0.585	0.500	17.0	20.0
PCB-1248 Peak 2	Lin1		0.0245		0.503	0.500	0.5	20.0
PCB-1248 Peak 3	Lin1		0.0222		0.493	0.500	-1.5	20.0
PCB-1248 Peak 4	Lin1		0.0194		0.504	0.500	0.9	20.0
PCB-1248 Peak 5	Lin1		0.0123		0.492	0.500	-1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/6 Calibration Date: 01/04/2016 08:37

Instrument ID: A2HP12 Calib Start Date: 11/16/2015 23:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 01:22

Lab File ID: P1200006.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	5.11	5.08	5.14
PCB-1248 Peak 2	5.74	5.71	5.77
PCB-1248 Peak 3	7.01	6.98	7.04
PCB-1248 Peak 4	7.25	7.22	7.28
PCB-1248 Peak 5	7.73	7.70	7.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/7 Calibration Date: 01/04/2016 08:55

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 01:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 03:10

Lab File ID: P1200007.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin1		0.0069		0.565	0.500	13.0	20.0
PCB-1221 Peak 2	Lin1		0.0043		0.547	0.500	9.4	20.0
PCB-1221 Peak 3	Lin1		0.0173		0.564	0.500	12.9	20.0
PCB-1254 Peak 1	Lin1		0.0220		0.534	0.500	6.8	20.0
PCB-1254 Peak 2	Lin1		0.0302		0.513	0.500	2.6	20.0
PCB-1254 Peak 3	Lin1		0.0394		0.474	0.500	-5.1	20.0
PCB-1254 Peak 4	Lin1		0.0335		0.464	0.500	-7.2	20.0
PCB-1254 Peak 5	Lin1		0.0462		0.501	0.500	0.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Lab Sample ID: CCV 240-212845/7 Calibration Date: 01/04/2016 08:55

Instrument ID: A2HP12 Calib Start Date: 11/17/2015 01:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/17/2015 03:10

Lab File ID: P1200007.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	4.34	4.31	4.37
PCB-1221 Peak 2	4.55	4.52	4.58
PCB-1221 Peak 3	4.61	4.58	4.64
PCB-1254 Peak 1	6.93	6.90	6.96
PCB-1254 Peak 2	7.26	7.23	7.29
PCB-1254 Peak 3	7.73	7.70	7.76
PCB-1254 Peak 4	8.07	8.04	8.10
PCB-1254 Peak 5	8.61	8.58	8.64

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-212544/7-A

Matrix: Solid | Lab File ID: P1200019.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 30(g) | Date Analyzed: 01/04/2016 12:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	12	U	33	12
11104-28-2	Aroclor-1221	16	U	33	16
11141-16-5	Aroclor-1232	20	U	33	20
53469-21-9	Aroclor-1242	11	U	33	11
12672-29-6	Aroclor-1248	8.0	U	33	8.0
11097-69-1	Aroclor-1254	14	U	33	14
11096-82-5	Aroclor-1260	9.0	U	33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		13-134
2051-24-3	DCB Decachlorobiphenyl	110		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-212544/8-A

Matrix: Solid | Lab File ID: P1200020.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 30(g) | Date Analyzed: 01/04/2016 13:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	314		33	12
11096-82-5	Aroclor-1260	337		33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		13-134
2051-24-3	DCB Decachlorobiphenyl	110		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59503-G-4-B MS

Matrix: Solid | Lab File ID: P1200017.D

Analysis Method: 8082A | Date Collected: 12/29/2015 14:14

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 29.79(g) | Date Analyzed: 01/04/2016 12:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	175		44	16
11104-28-2	Aroclor-1221	21	U	44	21
11141-16-5	Aroclor-1232	27	U	44	27
53469-21-9	Aroclor-1242	15	U	44	15
12672-29-6	Aroclor-1248	11	U	44	11
11097-69-1	Aroclor-1254	19	U	44	19
11096-82-5	Aroclor-1260	143		44	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	44		13-134
2051-24-3	DCB Decachlorobiphenyl	43		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-59482-1

SDG No.:

Client Sample ID: | Lab Sample ID: 240-59503-G-4-C MSD

Matrix: Solid | Lab File ID: P1200018.D

Analysis Method: 8082A | Date Collected: 12/29/2015 14:14

Extraction Method: 3540C | Date Extracted: 12/30/2015 06:54

Sample wt/vol: 29.86(g) | Date Analyzed: 01/04/2016 12:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 212845 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	148		44	16
11104-28-2	Aroclor-1221	21	U	44	21
11141-16-5	Aroclor-1232	26	U	44	26
53469-21-9	Aroclor-1242	15	U	44	15
12672-29-6	Aroclor-1248	11	U	44	11
11097-69-1	Aroclor-1254	19	U	44	19
11096-82-5	Aroclor-1260	118		44	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	31	p	13-134
2051-24-3	DCB Decachlorobiphenyl	37		10-155

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-207007/4 IC		11/16/2015 20:14	1	P1200039.D	CLP-1 0.53(mm)
STD005 240-207007/4 IC		11/16/2015 20:14	1		CLP-2 0.53(mm)
STD01 240-207007/5 IC		11/16/2015 20:32	1	P1200040.D	CLP-1 0.53(mm)
STD01 240-207007/5 IC		11/16/2015 20:32	1		CLP-2 0.53(mm)
STD02 240-207007/6 IC		11/16/2015 20:50	1	P1200041.D	CLP-1 0.53(mm)
STD02 240-207007/6 IC		11/16/2015 20:50	1		CLP-2 0.53(mm)
STD05 240-207007/7 IC		11/16/2015 21:09	1	P1200042.D	CLP-1 0.53(mm)
STD05 240-207007/7 IC		11/16/2015 21:09	1		CLP-2 0.53(mm)
STD1 240-207007/8 IC		11/16/2015 21:27	1	P1200043.D	CLP-1 0.53(mm)
STD1 240-207007/8 IC		11/16/2015 21:27	1		CLP-2 0.53(mm)
STD2 240-207007/9 IC		11/16/2015 21:45	1	P1200044.D	CLP-1 0.53(mm)
STD2 240-207007/9 IC		11/16/2015 21:45	1		CLP-2 0.53(mm)
STD005 240-207007/10 IC		11/16/2015 22:03	1	P1200045.D	CLP-1 0.53(mm)
STD005 240-207007/10 IC		11/16/2015 22:03	1		CLP-2 0.53(mm)
STD01 240-207007/11 IC		11/16/2015 22:21	1	P1200046.D	CLP-1 0.53(mm)
STD01 240-207007/11 IC		11/16/2015 22:21	1		CLP-2 0.53(mm)
STD02 240-207007/12 IC		11/16/2015 22:39	1	P1200047.D	CLP-1 0.53(mm)
STD02 240-207007/12 IC		11/16/2015 22:39	1		CLP-2 0.53(mm)
STD05 240-207007/13 IC		11/16/2015 22:57	1	P1200048.D	CLP-1 0.53(mm)
STD05 240-207007/13 IC		11/16/2015 22:57	1		CLP-2 0.53(mm)
STD1 240-207007/14 IC		11/16/2015 23:15	1	P1200049.D	CLP-1 0.53(mm)
STD1 240-207007/14 IC		11/16/2015 23:15	1		CLP-2 0.53(mm)
STD2 240-207007/15 IC		11/16/2015 23:33	1	P1200050.D	CLP-1 0.53(mm)
STD2 240-207007/15 IC		11/16/2015 23:33	1		CLP-2 0.53(mm)
STD005 240-207007/16 IC		11/16/2015 23:51	1	P1200051.D	CLP-1 0.53(mm)
STD005 240-207007/16 IC		11/16/2015 23:51	1		CLP-2 0.53(mm)
STD01 240-207007/17 IC		11/17/2015 00:09	1	P1200052.D	CLP-1 0.53(mm)
STD01 240-207007/17 IC		11/17/2015 00:09	1		CLP-2 0.53(mm)
STD02 240-207007/18 IC		11/17/2015 00:28	1	P1200053.D	CLP-1 0.53(mm)
STD02 240-207007/18 IC		11/17/2015 00:28	1		CLP-2 0.53(mm)
STD05 240-207007/19 IC		11/17/2015 00:46	1	P1200054.D	CLP-1 0.53(mm)
STD05 240-207007/19 IC		11/17/2015 00:46	1		CLP-2 0.53(mm)
STD1 240-207007/20 IC		11/17/2015 01:04	1	P1200055.D	CLP-1 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-207007/20 IC		11/17/2015 01:04	1		CLP-2 0.53(mm)
STD2 240-207007/21 IC		11/17/2015 01:22	1	P1200056.D	CLP-1 0.53(mm)
STD2 240-207007/21 IC		11/17/2015 01:22	1		CLP-2 0.53(mm)
STD005 240-207007/22 IC		11/17/2015 01:40	1	P1200057.D	CLP-1 0.53(mm)
STD005 240-207007/22 IC		11/17/2015 01:40	1		CLP-2 0.53(mm)
STD01 240-207007/23 IC		11/17/2015 01:58	1	P1200058.D	CLP-1 0.53(mm)
STD01 240-207007/23 IC		11/17/2015 01:58	1		CLP-2 0.53(mm)
STD02 240-207007/24 IC		11/17/2015 02:16	1	P1200059.D	CLP-1 0.53(mm)
STD02 240-207007/24 IC		11/17/2015 02:16	1		CLP-2 0.53(mm)
STD05 240-207007/25 IC		11/17/2015 02:34	1	P1200060.D	CLP-1 0.53(mm)
STD05 240-207007/25 IC		11/17/2015 02:34	1		CLP-2 0.53(mm)
STD1 240-207007/26 IC		11/17/2015 02:52	1	P1200061.D	CLP-1 0.53(mm)
STD1 240-207007/26 IC		11/17/2015 02:52	1		CLP-2 0.53(mm)
STD2 240-207007/27 IC		11/17/2015 03:10	1	P1200062.D	CLP-1 0.53(mm)
STD2 240-207007/27 IC		11/17/2015 03:10	1		CLP-2 0.53(mm)
STD005 240-207007/28 IC		11/17/2015 03:29	1	P1200063.D	CLP-1 0.53(mm)
STD005 240-207007/28 IC		11/17/2015 03:29	1		CLP-2 0.53(mm)
STD01 240-207007/29 IC		11/17/2015 03:47	1	P1200064.D	CLP-1 0.53(mm)
STD01 240-207007/29 IC		11/17/2015 03:47	1		CLP-2 0.53(mm)
STD02 240-207007/30 IC		11/17/2015 04:05	1	P1200065.D	CLP-1 0.53(mm)
STD02 240-207007/30 IC		11/17/2015 04:05	1		CLP-2 0.53(mm)
STD05 240-207007/31 ICIS		11/17/2015 04:23	1	P1200066.D	CLP-1 0.53(mm)
STD05 240-207007/31 ICIS		11/17/2015 04:23	1		CLP-2 0.53(mm)
STD1 240-207007/32 IC		11/17/2015 04:41	1	P1200067.D	CLP-1 0.53(mm)
STD1 240-207007/32 IC		11/17/2015 04:41	1		CLP-2 0.53(mm)
STD2 240-207007/33 IC		11/17/2015 04:59	1	P1200068.D	CLP-1 0.53(mm)
STD2 240-207007/33 IC		11/17/2015 04:59	1		CLP-2 0.53(mm)
ICV 240-207007/34		11/17/2015 05:17	1		CLP-1 0.53(mm)
ICV 240-207007/34		11/17/2015 05:17	1		CLP-2 0.53(mm)
ICV 240-207007/35		11/17/2015 05:35	1		CLP-1 0.53(mm)
ICV 240-207007/35		11/17/2015 05:35	1		CLP-2 0.53(mm)
ICV 240-207007/36		11/17/2015 05:53	1		CLP-1 0.53(mm)
ICV 240-207007/36		11/17/2015 05:53	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Start Date: 11/16/2015 20:14

Analysis Batch Number: 207007 End Date: 11/17/2015 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-207007/37		11/17/2015 06:12	1		CLP-1 0.53(mm)
ICV 240-207007/37		11/17/2015 06:12	1		CLP-2 0.53(mm)
ICV 240-207007/38		11/17/2015 06:30	1		CLP-1 0.53(mm)
ICV 240-207007/38		11/17/2015 06:30	1		CLP-2 0.53(mm)
ICV 240-207007/39		11/17/2015 06:48	1	P1200074.D	CLP-1 0.53(mm)
ICV 240-207007/39		11/17/2015 06:48	1		CLP-2 0.53(mm)
ICV 240-207007/40		11/17/2015 07:06	1		CLP-1 0.53(mm)
ICV 240-207007/40		11/17/2015 07:06	1		CLP-2 0.53(mm)
ICV 240-207007/41		11/17/2015 07:24	1		CLP-1 0.53(mm)
ICV 240-207007/41		11/17/2015 07:24	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Start Date: 01/04/2016 07:42

Analysis Batch Number: 212845 End Date: 01/04/2016 17:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-212845/3 CCVIS		01/04/2016 07:42	1	P1200003.D	CLP-1 0.53(mm)
CCV 240-212845/3 CCVIS		01/04/2016 07:42	1		CLP-2 0.53(mm)
CCV 240-212845/4		01/04/2016 08:00	1	P1200004.D	CLP-1 0.53(mm)
CCV 240-212845/4		01/04/2016 08:00	1		CLP-2 0.53(mm)
CCV 240-212845/5		01/04/2016 08:19	1	P1200005.D	CLP-1 0.53(mm)
CCV 240-212845/5		01/04/2016 08:19	1		CLP-2 0.53(mm)
CCV 240-212845/6		01/04/2016 08:37	1	P1200006.D	CLP-1 0.53(mm)
CCV 240-212845/6		01/04/2016 08:37	1		CLP-2 0.53(mm)
CCV 240-212845/7		01/04/2016 08:55	1	P1200007.D	CLP-1 0.53(mm)
CCV 240-212845/7		01/04/2016 08:55	1		CLP-2 0.53(mm)
240-59482-2	F-VB-UST-P-7	01/04/2016 10:19	1	P1200011.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 10:19	1		CLP-2 0.53(mm)
240-59482-3	F-VB-UST-P-8	01/04/2016 10:37	1	P1200012.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 10:37	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 10:55	20		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 10:55	20		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 11:13	50		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 11:13	50		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 11:49	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 11:49	1		CLP-2 0.53(mm)
240-59503-G-4-B MS		01/04/2016 12:07	1	P1200017.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 12:07	1		CLP-2 0.53(mm)
240-59503-G-4-C MSD		01/04/2016 12:25	1	P1200018.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 12:25	1		CLP-2 0.53(mm)
MB 240-212544/7-A		01/04/2016 12:43	1	P1200019.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 12:43	1		CLP-2 0.53(mm)
LCS 240-212544/8-A		01/04/2016 13:01	1	P1200020.D	CLP-1 0.53(mm)
ZZZZZ		01/04/2016 13:01	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 13:56	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 13:56	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 14:14	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 14:14	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 14:32	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 14:32	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 14:50	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 14:50	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 15:08	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 15:08	1		CLP-2 0.53(mm)
CCVIS 240-212845/28		01/04/2016 15:26	1		CLP-1 0.53(mm)
CCVIS 240-212845/28		01/04/2016 15:26	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 16:21	1		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 16:21	1		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 16:39	2		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 16:39	2		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: A2HP12 Start Date: 01/04/2016 07:42

Analysis Batch Number: 212845 End Date: 01/04/2016 17:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		01/04/2016 16:57	2		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 16:57	2		CLP-2 0.53(mm)
ZZZZZ		01/04/2016 17:15	5		CLP-1 0.53(mm)
ZZZZZ		01/04/2016 17:15	5		CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212544 Batch Start Date: 12/30/15 08:55 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 12/31/15 12:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ex10PPMSPK 00019	ex2/.2SURRW 00063		
240-59482-2	F-VB-UST-P-7	3540C, 8082A	T	29.83 g	10 mL		1 mL		
240-59482-3	F-VB-UST-P-8	3540C, 8082A	T	29.77 g	10 mL		1 mL		
240-59503-G-4-B MS		3540C, 8082A	T	29.79 g	10 mL	1 mL	1 mL		
240-59503-G-4-C MSD		3540C, 8082A	T	29.86 g	10 mL	1 mL	1 mL		
MB 240-212544/7		3540C, 8082A		30 g	10 mL		1 mL		
LCS 240-212544/8		3540C, 8082A		30 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	2226509
Balance ID	1339911
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2345798

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-59482-1

SDG No.:

Project: MRC Block F UST Pipe Inv.

Client Sample ID	Lab Sample ID
F-VB-UST-P-7	240-59482-2
F-VB-UST-P-8	240-59482-3

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-59482-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-59482-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/29/2015 13:50 End Date: 12/29/2015 13:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
240-59255-B-13 DU	1	T	13:50	X	X																		
ZZZZZZ			13:50																				
240-59482-2	1	T	13:50	X	X																		
240-59482-3	1	T	13:50	X	X																		
ZZZZZZ			13:50																				
ZZZZZZ			13:50																				
ZZZZZZ			13:50																				
ZZZZZZ			13:50																				
ZZZZZZ			13:50																				
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ZZZZZZ			13:50																				
ZZZZZZ			13:50																				
ZZZZZZ			13:50																				

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-59482-1

SDG No.:

Batch Number: 212487 Batch Start Date: 12/29/15 13:50 Batch Analyst: Woodward, Bruce

Batch Method: Moisture Batch End Date: 12/30/15 08:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-59255-B-13 DU		Moisture	T	4.3859 g	9.1871 g	9.1038 g			
240-59482-2	F-VB-UST-P-7	Moisture	T	4.3859 g	21.6950 g	18.5049 g			
240-59482-3	F-VB-UST-P-8	Moisture	T	4.3859 g	19.3165 g	16.9117 g			

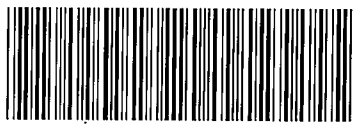
Batch Notes	
Balance ID	B47 No Unit
Date and Time Samples in Desiccator	12/30/15; 04:36
Date and Time Samples out of Desiccator	12/30/15; 8:38
Date samples were placed in the oven	12/29/15
Oven Temp when samples are put in oven	103.1 Degrees C
Time samples were place in the oven	13:55
Date samples were removed from oven	12/30/15
Oven Temp when samples removed from oven	103.3 Degrees C
Time Samples were removed from oven	04:36
Oven ID	002
ID number of the thermometer	TempGuard Box-C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-59482 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

2.8/c 2.5

Chain of Custody Record

016118

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: MULLIS	Date: 12/28/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412 921 7134	Lab Contact: MCFADDEN	Carrier: Fed Ex	1 of 1 COCs
Address: 20251 CENTURY BLVD. STE.200	Analysis Turnaround Time			Sampler:
City/State/Zip: GERMANTOWN, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks ☐ 1 week (5 DAYS) ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: MRC SOIL REMEDY, Block F				Job / SDG No.:
Site: Block F UST PIPE INV.				
P O # 112IC07336				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs (8260)	TPH-GRO/DRO (8015)	PCBs (8082)	SVOCs (8270)	Sample Specific Notes:
TB-122815	12/28/15	—	G	AQ	2			X				
F-VB-UST-P-7	1	1000	1	SO	3			X	X	X	X	
F-VB-UST-P-8	1	1030	1	SO	3			X	X	X	X	

12/28/15

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: MRC SOIL REMEDY; Block F UST PIPE REMOVAL INV., BASE SAMPLES

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: Tetra Tech	Date/Time: 12/28/15	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Jacquelyn Reed	Company: TANC	Date/Time: 12/29/15 930

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 59482

Client Tetra Tech Site Name _____

Cooler Received on 12/29/15 Opened on 12/29/15

Cooler unpacked by: G. Serrel

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 53 (CF +0.1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

IR GUN# 48 (CF -0.3 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 2.5 °C ☐ See Multiple Cooler Form

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

IR GUN# 8 (CF -0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   - Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   - Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC559158
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes No NA
14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # N/A Yes No
15. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

Ref: SOP NC-SC-0005, Sample Receiving
X:\X-Drive Document Control\SOPs\Work Instructions\Word Version Work Instructions\WI-NC-099W-112315 Cooler Receipt Form.doc djl
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VALIDATION REPORTS

TETRA TECH

INTERNAL CORRESPONDENCE

TO: **S. NESBIT** **DATE:** **NOVEMBER 25, 2015**

FROM: **MICHELLE L. ALLEN** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC & INORGANIC DATA VALIDATION – VOC/PAH/PCB/DRO/GRO**
LOCKHEED MARTIN CORPORATION (LMC) – BLOCK F
UNDERGROUND STORAGE TANK (UST) AREA
SDG 240-57597-1

SAMPLES: 15/Soil/VOC/PAH/PCB/DRO/GRO/Metals

F-VB-UST-1-14	F-VB-UST-10-14	F-VB-UST-11-14
F-VB-UST-12-14	F-VB-UST-13-14	F-VB-UST-14-14
F-VB-UST-2-14	F-VB-UST-3-14	F-VB-UST-4-14
F-VB-UST-5-14	F-VB-UST-6-14	F-VB-UST-7-14
F-VB-UST-8-14	F-VB-UST-9-14	F-VB-UST-DUP

1/Aqueous/VOC

TB-110515

Overview

The sample set for LMC Block F UST Area, SDG 240-57597-1 consisted of fifteen (15) soil environmental samples and one (1) trip blank. All fifteen (15) soil samples were analyzed for Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC), Polychlorinated Biphenyls (PCB), Diesel Range Organics (DRO), and Gasoline Range Organics (GRO). The trip blank was analyzed for VOC only. One field duplicate sample pair was included in this SDG F-VB-UST-2-14/F-VB-UST-DUP.

The samples were collected by Tetra Tech, Inc. on November 5, 2015 and analyzed by TestAmerica, Inc. All analyses were conducted in accordance with SW-846 Methods 8260C, 8270D, 8082A, and 8015C analytical and reporting protocols.

The data contained in this SDG were validated with regard to the following parameters: data completeness, holding times and sample preservation, GC/MS tuning, initial/continuing calibrations, laboratory method/preparation/trip blanks, surrogate spike recoveries, laboratory control sample results, matrix spike/matrix spike duplicate results, internal standard areas, field duplicate precision, chromatographic resolution, compound identification, compound quantitation, and detection limits. Areas of concern are listed below.

Major

No major issues were identified.

Minor

- The continuing calibration performed on instrument A3UX14 on 11/10/15 @ 10:47 had %Ds for trichlorofluoromethane, 1,1,2-trichlorotrifluoromethane, 2,2-dichloropropane, 1,1,1-trichloroethane, and carbon tetrachloride which exceeded the 20% quality control limit. All soil samples, with the exception of sample F-VB-UST-DUP, were affected. The non-detected results reported for these compounds in the affected samples were qualified as estimated, (UJ).

- The continuing calibration performed on instrument A3UX14 on 11/11/15 @ 10:39 had a Percent Drift (%Drift) for acetone and %Ds for tert-butyl alcohol, 2,2-dichloropropane, 2-butanone, 2-

chloroethyl-ethyl vinyl ether, 4-methyl-2-pentanone, and 2-hexanone which exceeded the 20% quality control limit. Sample F-VB-UST-DUP was affected. No action was taken for 2-butanone because this result was qualified for laboratory blank contamination. The non-detected results reported for the remaining compounds in the affected sample were qualified as estimated, (UJ).

- The continuing calibration performed on instrument A3UX15 on 11/12/15 @ 10:41 had a %Ds for hexachlorobutadiene which exceeded the 20% quality control limit. The non-detected result reported for this compound in the affected sample, TB-110515, was qualified as estimated, (UJ).

- The continuing calibration performed on instrument A4HP10 on 11/11/15 @ 09:34 had %Ds for benzaldehyde and hexachlorocyclopentadiene which exceeded the 20% quality control limit. Samples F-VB-UST-1-14, F-VB-UST-2-14, F-VB-UST-3-14, F-VB-UST-4-14, F-VB-UST-5-14, F-VB-UST-6-14, F-VB-UST-7-14, F-VB-UST-8-14, F-VB-UST-9-14, and F-VB-UST-10-14 were affected. The non-detected results reported for these compounds in the affected samples were qualified as estimated, (UJ).

- The continuing calibration performed on instrument A4HP9 on 11/11/15 @ 07:49 had %Ds for benzaldehyde and N-nitroso-di-n-propylamine which exceeded the 20% quality control limit. Samples F-VB-UST-11-14, F-VB-UST-12-14, F-VB-UST-13-14, F-VB-UST-14-14, and F-VB-UST-DUP were affected. The detected and non-detected results reported for these compounds in the affected samples were qualified as estimated, (J) and (UJ), respectively.

- The following compounds were detected in the laboratory method and/or trip blanks at the following maximum concentrations:

Compound	Maximum Concentration	Action Level
2-Butanone (1)	3.14 µg/Kg	31.4 µg/Kg
Naphthalene (1)	0.35 µg/Kg	1.75 µg/Kg
Toluene (1)	0.369 µg/Kg	1.85 µg/Kg
2-Butanone (2)	2.83 µg/Kg	28.3 µg/Kg
Tert-butyl alcohol (2)	6.1 µg/Kg	30.5 µg/Kg
DRO (3)	7.82 mg/Kg	39.1 mg/Kg

(1) - Maximum concentration detected in the laboratory method blank, MB 240-206267/6, affecting sample F-VB-UST-DUP from preparation batch # 240-206267.
(2) - Maximum concentration detected in the laboratory method blank, MB 240-206089/1-A, affecting all samples, except sample F-VB-UST-DUP, from preparation batch # 240-206089.
(3) - Maximum concentration detected in the laboratory method blank, MB 240-205788/22-A, affecting all samples.

An action level of 10X the maximum concentration for the common laboratory contaminant, 2-butanone, and 5X for the remaining compounds were established to evaluate for blank contamination. Percent moisture and dilution factor, if necessary, were taken into consideration during the application of the action level. The detected results reported for these compounds in the affected samples below the established action level were qualified as non-detected, (U).

- Detected results reported below the RL but above the Method Detection Limit (MDL) were qualified as estimated, (J).

Notes

Toxicity Characteristic Leaching Procedure (TCLP) metals were requested on the sample Chains of Custody (COCs), however, the client cancelled this analysis request for all the samples.

2-Butanone was detected in the laboratory method blank associated with the trip blank. No action was taken because field blanks are not qualified for laboratory blank contamination.

The VOC Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses performed on sample F-VB-UST-5-14 had Percent Recoveries (%Rs) for 4-methyl-2-pentanone above the upper quality control limit. In addition, the MS %R was low for vinyl acetate. The Relative Percent Differences (RPDs) for hexachlorobutadiene, n-butylbenzene, sec-butylbenzene, and 4-isopropyltoluene exceeded the 30% quality control criterion. No validation action was taken because 4-methyl-2-pentanone was not detected in the parent sample, the MSD %R for vinyl acetate was acceptable, and the MS/MSD %Rs for the remaining compounds were within the quality control limits.

The GRO MS/MSD analyses performed on F-VB-UST-DUP had a low MSD %R and the RPD exceeded the quality control limit. No action was taken because the MS and associated Laboratory Control Sample (LCS) %Rs were acceptable.

Naphthalene was reported in both the VOC and PAH fractions.

In the PCB fraction, samples F-VB-UST-5-14 and F-VB-UST-13-14 required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur.

Non-detected results were reported to the MDL.

Executive Summary

Laboratory Performance: VOC and SVOC continuing calibration %Ds or %Drift exceeded 20%. Contaminants were detected in the VOC and DROs laboratory method blanks.

Other Factors Affecting Data Quality: The VOC MS/MSD analyses had noncompliant %Rs and RPDs. The GRO MSD %R was low. Results below the RL were estimated.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Organic Review" (June 2008) and the "National Functional Guidelines for Inorganic Review" (January 2010). The text of this report has been formulated to address only those areas affecting data quality.

Tetra Tech, Inc.
Michelle L. Allen
Chemist/Data Validator

Tetra Tech, Inc.
Joseph A. Samchuck
Data Validation Manager

Attachments:
Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

Appendix A

Qualified Analytical Results

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = ICP PDS Recovery Noncompliance; MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = RPD between columns/detectors >40% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 standard deviations is greater than sample activity
Z1 = Tentatively Identified Compound considered presumptively present
Z2 = Tentatively Identified Compound column bleed
Z3 = Tentatively Identified Compound aldol condensate
Z4 = Sample activity is less than the at uncertainty at 3 standard deviations and greater than the MDC
Z5 = Sample activity is less than the at uncertainty at 3 standard deviations and less than the MDC

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1,1,2-TETRACHLOROETHANE		0.56	U		0.6	U		0.5	U		0.55	U	
1,1,1-TRICHLOROETHANE		0.73	UJ	C	0.77	UJ	C	0.65	UJ	C	0.72	UJ	C
1,1,2,2-TETRACHLOROETHANE		0.35	U		0.37	U		0.31	U		0.34	U	
1,1,2-TRICHLOROTRIFLUOROETHANE		0.47	UJ	C	0.5	UJ	C	0.42	UJ	C	0.46	UJ	C
1,1-DICHLOROETHANE		0.38	U		0.4	U		0.34	U		0.38	U	
1,1-DICHLOROETHENE		0.9	U		0.95	U		0.81	U		0.89	U	
1,1-DICHLOROPROPENE		0.42	U		0.44	U		0.37	U		0.41	U	
1,2,3-TRICHLOROBENZENE		0.56	U		0.6	U		0.5	U		0.55	U	
1,2,3-TRICHLOROPROPANE		0.88	U		0.93	U		0.79	U		0.86	U	
1,2,3-TRIMETHYLBENZENE		0.52	U		0.55	U		0.46	U		0.51	U	
1,2,4-TRICHLOROBENZENE		0.43	U		0.45	U		0.38	U		0.42	U	
1,2,4-TRIMETHYLBENZENE		0.65	U		0.69	U		0.58	U		0.64	U	
1,2-DIBROMO-3-CHLOROPROPANE		3	U		3.2	U		2.7	U		3	U	
1,2-DIBROMOETHANE		0.6	U		0.63	U		0.53	U		0.59	U	
1,2-DICHLOROBENZENE		0.38	U		0.4	U		0.34	U		0.38	U	
1,2-DICHLOROETHANE		0.52	U		0.55	U		0.46	U		0.51	U	
1,2-DICHLOROPROPANE		0.16	U		0.17	U		0.14	U		0.15	U	
1,3-DICHLOROBENZENE		0.78	U		0.82	U		0.69	U		0.76	U	
1,3-DICHLOROPROPANE		0.45	U		0.48	U		0.4	U		0.44	U	
1,4-DICHLOROBENZENE		0.31	U		0.33	U		0.28	U		0.31	U	
2,2-DICHLOROPROPANE		0.49	UJ	C	0.52	UJ	C	0.44	UJ	C	0.49	UJ	C
2-BUTANONE		3.5	U	A	3.9	U	A	3.9	U	A	3.7	U	A
2-CHLOROETHYL VINYL ETHER		0.72	U		0.76	U		0.64	U		0.71	U	
2-CHLOROTOLUENE		0.34	U		0.36	U		0.3	U		0.33	U	
2-HEXANONE		0.76	U		0.81	U		0.68	U		0.75	U	
4-CHLOROTOLUENE		0.29	U		0.31	U		0.26	U		0.29	U	
4-ISOPROPYLTOLUENE		0.46	U		0.49	U		0.41	U		0.45	U	
4-METHYL-2-PENTANONE		1.4	U		1.5	U		1.2	U		1.4	U	
ACETONE		6.4	U		6.8	U		5.7	U		6.3	U	
BENZENE		1	U		1.1	U		0.91	U		1	U	
BROMOBENZENE		0.37	U		0.39	U		0.33	U		0.37	U	
BROMOCHLOROMETHANE		0.37	U		0.39	U		0.33	U		0.37	U	
BROMODICHLOROMETHANE		0.33	U		0.35	U		0.29	U		0.32	U	
BROMOFORM		0.27	U		0.29	U		0.24	U		0.27	U	
BROMOMETHANE		0.47	U		0.5	U		0.42	U		0.46	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1,1,2-TETRACHLOROETHANE		0.52	U		0.53	U		0.55	U		0.58	U	
1,1,1-TRICHLOROETHANE		0.67	UJ	C	0.68	UJ	C	0.71	UJ	C	0.76	UJ	C
1,1,2,2-TETRACHLOROETHANE		0.32	U		0.33	U		0.34	U		0.36	U	
1,1,2-TRICHLOROTRIFLUOROETHANE		0.43	UJ	C	0.44	UJ	C	0.46	UJ	C	0.49	UJ	C
1,1-DICHLOROETHANE		0.35	U		0.36	U		0.37	U		0.4	U	
1,1-DICHLOROETHENE		0.83	U		0.84	U		0.88	U		0.93	U	
1,1-DICHLOROPROPENE		0.38	U		0.39	U		0.41	U		0.43	U	
1,2,3-TRICHLOROBENZENE		0.52	U		0.53	U		0.55	U		0.58	U	
1,2,3-TRICHLOROPROPANE		0.81	U		0.82	U		0.86	U		0.91	U	
1,2,3-TRIMETHYLBENZENE		0.48	U		0.48	U		0.5	U		0.53	U	
1,2,4-TRICHLOROBENZENE		0.39	U		0.4	U		0.42	U		0.44	U	
1,2,4-TRIMETHYLBENZENE		0.6	U		0.61	U		0.64	U		0.67	U	
1,2-DIBROMO-3-CHLOROPROPANE		2.8	U		2.9	U		3	U		3.2	U	
1,2-DIBROMOETHANE		0.55	U		0.56	U		0.58	U		0.62	U	
1,2-DICHLOROBENZENE		0.35	U		0.36	U		0.37	U		0.4	U	
1,2-DICHLOROETHANE		0.48	U		0.48	U		0.5	U		0.53	U	
1,2-DICHLOROPROPANE		0.14	U		0.15	U		0.15	U		0.16	U	
1,3-DICHLOROBENZENE		0.71	U		0.73	U		0.76	U		0.8	U	
1,3-DICHLOROPROPANE		0.41	U		0.42	U		0.44	U		0.46	U	
1,4-DICHLOROBENZENE		0.29	U		0.3	U		0.31	U		0.33	U	
2,2-DICHLOROPROPANE		0.45	UJ	C	0.46	UJ	C	0.48	UJ	C	0.51	UJ	C
2-BUTANONE		3.1	U	A	4	U	A	4	U	A	3.9	U	A
2-CHLOROETHYL VINYL ETHER		0.66	U		0.67	U		0.7	U		0.74	U	
2-CHLOROTOLUENE		0.31	U		0.32	U		0.33	U		0.35	U	
2-HEXANONE		0.7	U		0.72	U		0.75	U		0.79	U	
4-CHLOROTOLUENE		0.27	U		0.27	U		0.29	U		0.3	U	
4-ISOPROPYLTOLUENE		0.42	U		0.43	U		0.45	U		0.48	U	
4-METHYL-2-PENTANONE		1.3	U		1.3	U		1.3	U		1.4	U	
ACETONE		5.9	U		6	U		6.3	U		6.6	U	
BENZENE		0.93	U		0.95	U		0.99	U		1	U	
BROMOBENZENE		0.34	U		0.35	U		0.36	U		0.38	U	
BROMOCHLOROMETHANE		0.34	U		0.35	U		0.36	U		0.38	U	
BROMODICHLOROMETHANE		0.3	U		0.31	U		0.32	U		0.34	U	
BROMOFORM		0.25	U		0.25	U		0.26	U		0.28	U	
BROMOMETHANE		0.43	U		0.44	U		0.46	U		0.49	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1,1,2-TETRACHLOROETHANE		0.55	U		0.58	U		0.58	U		0.56	U	
1,1,1-TRICHLOROETHANE		0.71	UJ	C	0.75	UJ	C	0.75	UJ	C	0.73	UJ	C
1,1,2,2-TETRACHLOROETHANE		0.34	U		0.36	U		0.36	U		0.35	U	
1,1,2-TRICHLOROTRIFLUOROETHANE		0.46	UJ	C	0.49	UJ	C	0.49	UJ	C	0.47	UJ	C
1,1-DICHLOROETHANE		0.37	U		0.39	U		0.39	U		0.38	U	
1,1-DICHLOROETHENE		0.87	U		0.93	U		0.93	U		0.9	U	
1,1-DICHLOROPROPENE		0.4	U		0.43	U		0.43	U		0.42	U	
1,2,3-TRICHLOROBENZENE		0.55	U		0.58	U		0.58	U		0.56	U	
1,2,3-TRICHLOROPROPANE		0.85	U		0.9	U		0.9	U		0.88	U	
1,2,3-TRIMETHYLBENZENE		0.5	U		0.53	U		0.53	U		0.52	U	
1,2,4-TRICHLOROBENZENE		0.41	U		0.44	U		0.44	U		0.43	U	
1,2,4-TRIMETHYLBENZENE		0.63	U		0.67	U		0.67	U		0.65	U	
1,2-DIBROMO-3-CHLOROPROPANE		3	U		3.1	U		3.1	U		3	U	
1,2-DIBROMOETHANE		0.58	U		0.61	U		0.61	U		0.6	U	
1,2-DICHLOROBENZENE		0.37	U		0.39	U		0.39	U		0.38	U	
1,2-DICHLOROETHANE		0.5	U		0.53	U		0.53	U		0.52	U	
1,2-DICHLOROPROPANE		0.15	U		0.16	U		0.16	U		0.16	U	
1,3-DICHLOROBENZENE		0.75	U		0.8	U		0.8	U		0.78	U	
1,3-DICHLOROPROPANE		0.44	U		0.46	U		0.46	U		0.45	U	
1,4-DICHLOROBENZENE		0.31	U		0.32	U		0.32	U		0.31	U	
2,2-DICHLOROPROPANE		0.48	UJ	C	0.51	UJ	C	0.51	UJ	C	0.49	UJ	C
2-BUTANONE		4	U	A	4.3	U	A	3.8	U	A	4.1	U	A
2-CHLOROETHYL VINYL ETHER		0.7	U		0.74	U		0.74	U		0.72	U	
2-CHLOROTOLUENE		0.33	U		0.35	U		0.35	U		0.34	U	
2-HEXANONE		0.74	U		0.79	U		0.79	U		0.76	U	
4-CHLOROTOLUENE		0.28	U		0.3	U		0.3	U		0.29	U	
4-ISOPROPYLTOLUENE		0.45	U		0.47	U		0.47	U		0.46	U	
4-METHYL-2-PENTANONE		1.3	U		1.4	U		1.4	U		1.4	U	
ACETONE		6.2	U		13	J	P	6.6	U		6.4	U	
BENZENE		0.98	U		1	U		1	U		1	U	
BROMOBENZENE		0.36	U		0.38	U		0.38	U		0.37	U	
BROMOCHLOROMETHANE		0.36	U		0.38	U		0.38	U		0.37	U	
BROMODICHLOROMETHANE		0.32	U		0.34	U		0.34	U		0.33	U	
BROMOFORM		0.26	U		0.28	U		0.28	U		0.27	U	
BROMOMETHANE		0.46	U		0.49	U		0.49	U		0.47	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1,1,2-TETRACHLOROETHANE		0.58	U		0.58	U		0.53	U	
1,1,1-TRICHLOROETHANE		0.75	UJ	C	0.75	UJ	C	0.68	U	
1,1,2,2-TETRACHLOROETHANE		0.36	U		0.36	U		0.33	U	
1,1,2-TRICHLOROTRIFLUOROETHANE		0.48	UJ	C	0.49	UJ	C	0.44	U	
1,1-DICHLOROETHANE		0.39	U		0.39	U		0.36	U	
1,1-DICHLOROETHENE		0.92	U		0.92	U		0.84	U	
1,1-DICHLOROPROPENE		0.43	U		0.43	U		0.39	U	
1,2,3-TRICHLOROBENZENE		0.58	U		0.58	U		0.53	U	
1,2,3-TRICHLOROPROPANE		0.9	U		0.9	U		0.82	U	
1,2,3-TRIMETHYLBENZENE		0.53	U		0.53	U		0.48	U	
1,2,4-TRICHLOROBENZENE		0.44	U		0.44	U		0.4	U	
1,2,4-TRIMETHYLBENZENE		0.67	U		0.67	U		0.61	U	
1,2-DIBROMO-3-CHLOROPROPANE		3.1	U		3.1	U		2.9	U	
1,2-DIBROMOETHANE		0.61	U		0.61	U		0.56	U	
1,2-DICHLOROBENZENE		0.39	U		0.39	U		0.36	U	
1,2-DICHLOROETHANE		0.53	U		0.53	U		0.48	U	
1,2-DICHLOROPROPANE		0.16	U		0.16	U		0.15	U	
1,3-DICHLOROBENZENE		0.8	U		0.8	U		0.73	U	
1,3-DICHLOROPROPANE		0.46	U		0.46	U		0.42	U	
1,4-DICHLOROBENZENE		0.32	U		0.32	U		0.29	U	
2,2-DICHLOROPROPANE		0.51	UJ	C	0.51	UJ	C	0.46	UJ	C
2-BUTANONE		4.3	U	A	4.4	U	A	3.6	U	A
2-CHLOROETHYL VINYL ETHER		0.74	U		0.74	U		0.67	UJ	C
2-CHLOROTOLUENE		0.35	U		0.35	U		0.32	U	
2-HEXANONE		0.78	U		0.79	U		0.72	UJ	C
4-CHLOROTOLUENE		0.3	U		0.3	U		0.27	U	
4-ISOPROPYLTOLUENE		0.47	U		0.47	U		0.43	U	
4-METHYL-2-PENTANONE		1.4	U		1.4	U		1.3	UJ	C
ACETONE		6.6	U		12	J	P	6	UJ	C
BENZENE		1	U		1	U		0.95	U	
BROMOBENZENE		0.38	U		0.38	U		0.35	U	
BROMOCHLOROMETHANE		0.38	U		0.38	U		0.35	U	
BROMODICHLOROMETHANE		0.33	U		0.34	U		0.31	U	
BROMOFORM		0.28	U		0.28	U		0.25	U	
BROMOMETHANE		0.48	U		0.49	U		0.44	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
CARBON DISULFIDE		0.66	U		0.7	U		0.59	U		0.65	U	
CARBON TETRACHLORIDE		0.73	UJ	C	0.77	UJ	C	0.65	UJ	C	0.72	UJ	C
CHLOROBENZENE		0.6	U		0.63	U		0.53	U		0.59	U	
CHLORODIBROMOMETHANE		0.42	U		0.44	U		0.37	U		0.41	U	
CHLOROETHANE		0.49	U		0.52	U		0.44	U		0.49	U	
CHLOROFORM		0.4	U		0.43	U		0.36	U		0.4	U	
CHLOROMETHANE		0.89	U		0.94	U		0.8	U		0.87	U	
CIS-1,2-DICHLOROETHENE		0.31	U		0.33	U		0.28	U		0.31	U	
CIS-1,3-DICHLOROPROPENE		0.8	U		0.85	U		0.72	U		0.79	U	
DIBROMOMETHANE		0.47	U		0.5	U		0.42	U		0.46	U	
DICHLORODIFLUOROMETHANE		0.31	U		0.33	U		0.28	U		0.31	U	
DIISOPROPYL ETHER		0.66	U		0.7	U		0.59	U		0.65	U	
ETHYL TERT-BUTYL ETHER		0.46	U		0.49	U		0.41	U		0.45	U	
ETHYLBENZENE		0.36	U		0.38	U		0.32	U		0.35	U	
HEXACHLOROBUTADIENE		0.45	U		0.48	U		0.4	U		0.44	U	
ISOPROPYLBENZENE		0.22	U		0.24	U		0.2	U		0.22	U	
M+P-XYLENES		0.47	U		0.5	U		0.42	U		0.46	U	
METHYL TERT-BUTYL ETHER		0.48	U		0.51	U		0.43	U		0.48	U	
METHYLENE CHLORIDE		0.83	U		0.88	U		0.75	U		0.82	U	
NAPHTHALENE		0.39	U		0.42	U		0.35	U		0.39	U	
N-BUTYLBENZENE		0.66	U		0.7	U		0.59	U		0.65	U	
N-PROPYLBENZENE		0.67	U		0.71	U		0.6	U		0.66	U	
O-XYLENE		0.64	U		0.68	U		0.57	U		0.63	U	
SEC-BUTYLBENZENE		1	U		1.1	U		0.92	U		1	U	
STYRENE		0.45	U		0.48	U		0.4	U		0.44	U	
TERT-AMYL METHYL ETHER		0.48	U		0.51	U		0.43	U		0.48	U	
TERT-BUTYLBENZENE		0.75	U		0.8	U		0.67	U		0.74	U	
TERTIARY-BUTYL ALCOHOL		6.4	U		6.8	U		5.8	U		6.3	U	
TETRACHLOROETHENE		0.9	U		0.95	U		0.81	U		0.89	U	
TOLUENE		0.3	U		0.32	U		0.27	U		0.3	J	P
TOTAL XYLENES		0.61	U		0.64	U		0.54	U		0.6	U	
TRANS-1,2-DICHLOROETHENE		0.36	U		0.38	U		0.32	U		0.35	U	
TRANS-1,3-DICHLOROPROPENE		0.33	U		0.35	U		0.29	U		0.32	U	
TRICHLOROETHENE		0.43	U		0.45	U		0.38	U		0.42	U	
TRICHLOROFLUOROMETHANE		0.33	UJ	C	0.35	UJ	C	0.29	UJ	C	0.32	UJ	C

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
CARBON DISULFIDE		0.61	U		0.62	U		0.65	U		0.69	U	
CARBON TETRACHLORIDE		0.67	UJ	C	0.68	UJ	C	0.71	UJ	C	0.76	UJ	C
CHLOROBENZENE		0.55	U		0.56	U		0.58	U		0.62	U	
CHLORODIBROMOMETHANE		0.38	U		0.39	U		0.41	U		0.43	U	
CHLOROETHANE		0.45	U		0.46	U		0.48	U		0.51	U	
CHLOROFORM		0.37	U		0.38	U		0.39	U		0.42	U	
CHLOROMETHANE		0.82	U		0.83	U		0.87	U		0.92	U	
CIS-1,2-DICHLOROETHENE		0.29	U		0.3	U		0.31	U		0.33	U	
CIS-1,3-DICHLOROPROPENE		0.73	U		0.75	U		0.78	U		0.83	U	
DIBROMOMETHANE		0.43	U		0.44	U		0.46	U		0.49	U	
DICHLORODIFLUOROMETHANE		0.29	U		0.3	U		0.31	U		0.33	U	
DIISOPROPYL ETHER		0.61	U		0.62	U		0.65	U		0.69	U	
ETHYL TERT-BUTYL ETHER		0.42	U		0.43	U		0.45	U		0.48	U	
ETHYLBENZENE		0.33	U		0.34	U		0.35	U		0.37	U	
HEXACHLOROBUTADIENE		0.41	U		0.42	U		0.44	U		0.46	U	
ISOPROPYLBENZENE		0.21	U		0.21	U		0.22	U		0.23	U	
M+P-XYLENES		0.43	U		0.44	U		0.46	U		0.49	U	
METHYL TERT-BUTYL ETHER		0.44	U		0.45	U		0.47	U		0.5	U	
METHYLENE CHLORIDE		0.76	U		0.78	U		0.81	U		0.86	U	
NAPHTHALENE		0.36	U		0.37	U		0.38	U		0.41	U	
N-BUTYLBENZENE		0.61	U		0.62	U		0.65	U		0.69	U	
N-PROPYLBENZENE		0.62	U		0.63	U		0.66	U		0.7	U	
O-XYLENE		0.59	U		0.6	U		0.63	U		0.66	U	
SEC-BUTYLBENZENE		0.94	U		0.96	U		1	U		1.1	U	
STYRENE		0.41	U		0.42	U		0.44	U		0.46	U	
TERT-AMYL METHYL ETHER		0.44	U		0.45	U		0.47	U		0.5	U	
TERT-BUTYLBENZENE		0.69	U		0.71	U		0.74	U		0.78	U	
TERTIARY-BUTYL ALCOHOL		5.9	U		6	U		6.3	U		6.6	U	
TETRACHLOROETHENE		0.83	U		0.84	U		0.88	U		0.93	U	
TOLUENE		0.28	U		0.29	J	P	0.3	U		0.31	U	
TOTAL XYLENES		0.56	U		0.57	U		0.59	U		0.63	U	
TRANS-1,2-DICHLOROETHENE		0.33	U		0.34	U		0.35	U		0.37	U	
TRANS-1,3-DICHLOROPROPENE		0.3	U		0.31	U		0.32	U		0.34	U	
TRICHLOROETHENE		0.39	U		0.4	U		0.42	U		0.44	U	
TRICHLOROFLUOROMETHANE		0.3	UJ	C	0.31	UJ	C	0.32	UJ	C	0.34	UJ	C

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
CARBON DISULFIDE		0.64	U		0.68	U		0.68	U		0.66	U	
CARBON TETRACHLORIDE		0.71	UJ	C	0.75	UJ	C	0.75	UJ	C	0.73	UJ	C
CHLOROBENZENE		0.58	U		0.61	U		0.61	U		0.6	U	
CHLORODIBROMOMETHANE		0.4	U		0.43	U		0.43	U		0.42	U	
CHLOROETHANE		0.48	U		0.51	U		0.51	U		0.49	U	
CHLOROFORM		0.39	U		0.42	U		0.42	U		0.4	U	
CHLOROMETHANE		0.86	U		0.92	U		0.91	U		0.89	U	
CIS-1,2-DICHLOROETHENE		0.31	U		0.32	U		0.32	U		0.31	U	
CIS-1,3-DICHLOROPROPENE		0.77	U		0.82	U		0.82	U		0.8	U	
DIBROMOMETHANE		0.46	U		0.49	U		0.49	U		0.47	U	
DICHLORODIFLUOROMETHANE		0.31	U		0.32	U		0.32	U		0.31	U	
DIISOPROPYL ETHER		0.64	U		0.68	U		0.68	U		0.66	U	
ETHYL TERT-BUTYL ETHER		0.45	U		0.47	U		0.47	U		0.46	U	
ETHYLBENZENE		0.35	U		0.37	U		0.37	U		0.36	U	
HEXACHLOROBUTADIENE		0.44	U		0.46	U		0.46	U		0.45	U	
ISOPROPYLBENZENE		0.22	U		0.23	U		0.23	U		0.22	U	
M+P-XYLENES		0.46	U		0.49	U		0.49	U		0.47	U	
METHYL TERT-BUTYL ETHER		0.47	U		0.5	U		0.5	U		0.48	U	
METHYLENE CHLORIDE		0.81	U		0.86	U		0.86	U		0.83	U	
NAPHTHALENE		0.38	U		0.41	J	P	0.45	J	P	0.39	U	
N-BUTYLBENZENE		0.64	U		0.68	U		0.68	U		0.66	U	
N-PROPYLBENZENE		0.65	U		0.7	U		0.69	U		0.67	U	
O-XYLENE		0.62	U		0.66	U		0.66	U		0.64	U	
SEC-BUTYLBENZENE		0.99	U		1.1	U		1.1	U		1	U	
STYRENE		0.44	U		0.46	U		0.46	U		0.45	U	
TERT-AMYL METHYL ETHER		0.47	U		0.5	U		0.5	U		0.48	U	
TERT-BUTYLBENZENE		0.73	U		0.78	U		0.77	U		0.75	U	
TERTIARY-BUTYL ALCOHOL		6.2	U		6.6	U		6.6	U		6.4	U	
TETRACHLOROETHENE		0.87	U		0.93	U		0.93	U		0.9	U	
TOLUENE		0.29	U		0.31	U		0.31	U		0.3	U	
TOTAL XYLENES		0.59	U		0.63	U		0.62	U		0.61	U	
TRANS-1,2-DICHLOROETHENE		0.35	U		0.37	U		0.37	U		0.36	U	
TRANS-1,3-DICHLOROPROPENE		0.32	U		0.34	U		0.34	U		0.33	U	
TRICHLOROETHENE		0.41	U		0.44	U		0.44	U		0.43	U	
TRICHLOROFLUOROMETHANE		0.32	UJ	C	0.34	UJ	C	0.34	UJ	C	0.33	UJ	C

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
CARBON DISULFIDE		0.68	U		0.68	U		0.62	U	
CARBON TETRACHLORIDE		0.75	UJ	C	0.75	UJ	C	0.68	U	
CHLOROBENZENE		0.61	U		0.61	U		0.56	U	
CHLORODIBROMOMETHANE		0.43	U		0.43	U		0.39	U	
CHLOROETHANE		0.51	U		0.51	U		0.46	U	
CHLOROFORM		0.41	U		0.42	U		0.38	U	
CHLOROMETHANE		0.91	U		0.91	U		0.83	U	
CIS-1,2-DICHLOROETHENE		0.32	U		0.32	U		0.29	U	
CIS-1,3-DICHLOROPROPENE		0.82	U		0.82	U		0.75	U	
DIBROMOMETHANE		0.48	U		0.49	U		0.44	U	
DICHLORODIFLUOROMETHANE		0.32	U		0.32	U		0.29	U	
DIISOPROPYL ETHER		0.68	U		0.68	U		0.62	U	
ETHYL TERT-BUTYL ETHER		0.47	U		0.47	U		0.43	U	
ETHYLBENZENE		0.37	U		0.37	U		0.34	U	
HEXACHLOROBUTADIENE		0.46	U		0.46	U		0.42	U	
ISOPROPYLBENZENE		0.23	U		0.23	U		0.21	U	
M+P-XYLENES		0.48	U		0.49	U		0.44	U	
METHYL TERT-BUTYL ETHER		0.5	U		0.5	U		0.45	U	
METHYLENE CHLORIDE		0.85	U		0.85	U		0.78	U	
NAPHTHALENE		0.4	U		0.4	U		0.37	U	
N-BUTYLBENZENE		0.68	U		0.68	U		0.62	U	
N-PROPYLBENZENE		0.69	U		0.69	U		0.63	U	
O-XYLENE		0.66	U		0.66	U		0.6	U	
SEC-BUTYLBENZENE		1	U		1.1	U		0.96	U	
STYRENE		0.46	U		0.46	U		0.42	U	
TERT-AMYL METHYL ETHER		0.5	U		0.5	U		0.45	U	
TERT-BUTYLBENZENE		0.77	U		0.77	U		0.71	UJ	C
TERTIARY-BUTYL ALCOHOL		6.6	U		6.6	U		6	U	
TETRACHLOROETHENE		0.92	U		0.92	U		0.84	U	
TOLUENE		0.33	J	P	0.36	J	P	0.28	U	
TOTAL XYLENES		0.62	U		0.62	U		0.57	U	
TRANS-1,2-DICHLOROETHENE		0.37	U		0.37	U		0.34	U	
TRANS-1,3-DICHLOROPROPENE		0.33	U		0.34	U		0.31	U	
TRICHLOROETHENE		0.44	U		0.44	U		0.4	U	
TRICHLOROFLUOROMETHANE		0.33	UJ	C	0.34	UJ	C	0.31	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
VINYL ACETATE		0.74	U		0.79	U		0.66	U		0.73	U	
VINYL CHLORIDE		0.34	U		0.36	U		0.3	U		0.33	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
VINYL ACETATE		0.68	U		0.7	U		0.72	U		0.77	U	
VINYL CHLORIDE		0.31	U		0.32	U		0.33	U		0.35	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
VINYL ACETATE		0.72	U		0.76	U		0.76	U		0.74	U	
VINYL CHLORIDE		0.33	U		0.35	U		0.35	U		0.34	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: OV	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
VINYL ACETATE		0.76	U		0.76	U		0.7	U	
VINYL CHLORIDE		0.35	U		0.35	U		0.32	U	

PROJ_NO: 07336	NSAMPLE	TB-110515		
SDG: 240-57597-1	LAB_ID	240-57597-16		
FRACTION: OV	SAMP_DATE	11/5/2015		
MEDIA: WATER	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER		RESULT	VQL	QLCD
1,1,1,2-TETRACHLOROETHANE		0.28	U	
1,1,1-TRICHLOROETHANE		0.44	U	
1,1,2,2-TETRACHLOROETHANE		0.22	U	
1,1,2-TRICHLOROTRIFLUOROETHANE		0.45	U	
1,1-DICHLOROETHANE		0.3	U	
1,1-DICHLOROETHENE		0.45	U	
1,1-DICHLOROPROPENE		0.42	U	
1,2,3-TRICHLOROBENZENE		0.37	U	
1,2,3-TRICHLOROPROPANE		0.44	U	
1,2,3-TRIMETHYLBENZENE		0.47	U	
1,2,4-TRICHLOROBENZENE		0.32	U	
1,2,4-TRIMETHYLBENZENE		0.41	U	
1,2-DIBROMO-3-CHLOROPROPANE		0.82	U	
1,2-DIBROMOETHANE		0.32	U	
1,2-DICHLOROBENZENE		0.25	U	
1,2-DICHLOROETHANE		0.23	U	
1,2-DICHLOROPROPANE		0.25	U	
1,3-DICHLOROBENZENE		0.19	U	
1,3-DICHLOROPROPANE		0.19	U	
1,4-DICHLOROBENZENE		0.27	U	
2,2-DICHLOROPROPANE		0.26	U	
2-BUTANONE		0.53	U	
2-CHLOROETHYL VINYL ETHER		0.59	U	
2-CHLOROTOLUENE		0.4	U	
2-HEXANONE		0.48	U	
4-CHLOROTOLUENE		0.29	U	
4-ISOPROPYLTOLUENE		0.43	U	
4-METHYL-2-PENTANONE		0.99	U	
ACETONE		0.94	U	
BENZENE		0.35	U	
BROMOBENZENE		0.35	U	
BROMOCHLOROMETHANE		0.5	U	
BROMODICHLOROMETHANE		0.29	U	
BROMOFORM		0.56	U	
BROMOMETHANE		0.44	U	

PROJ_NO: 07336	NSAMPLE	TB-110515		
SDG: 240-57597-1	LAB_ID	240-57597-16		
FRACTION: OV	SAMP_DATE	11/5/2015		
MEDIA: WATER	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER		RESULT	VQL	QLCD
CARBON DISULFIDE		0.38	U	
CARBON TETRACHLORIDE		0.43	U	
CHLOROBENZENE		0.25	U	
CHLORODIBROMOMETHANE		0.43	U	
CHLOROETHANE		0.32	U	
CHLOROFORM		0.25	U	
CHLOROMETHANE		0.44	U	
CIS-1,2-DICHLOROETHENE		0.26	U	
CIS-1,3-DICHLOROPROPENE		0.46	U	
DIBROMOMETHANE		0.42	U	
DICHLORODIFLUOROMETHANE		0.32	U	
DIISOPROPYL ETHER		0.5	U	
ETHYL TERT-BUTYL ETHER		0.23	U	
ETHYLBENZENE		0.25	U	
HEXACHLOROBUTADIENE		0.35	UJ	C
ISOPROPYLBENZENE		0.35	U	
M+P-XYLENES		0.24	U	
METHYL TERT-BUTYL ETHER		0.2	U	
METHYLENE CHLORIDE		0.33	U	
NAPHTHALENE		0.45	U	
N-BUTYLBENZENE		0.31	U	
N-PROPYLBENZENE		0.4	U	
O-XYLENE		0.25	U	
SEC-BUTYLBENZENE		0.48	U	
STYRENE		0.45	U	
TERT-AMYL METHYL ETHER		0.3	U	
TERT-BUTYLBENZENE		0.41	U	
TERTIARY-BUTYL ALCOHOL		4.9	U	
TETRACHLOROETHENE		0.31	U	
TOLUENE		0.23	U	
TOTAL XYLENES		0.52	U	
TRANS-1,2-DICHLOROETHENE		0.3	U	
TRANS-1,3-DICHLOROPROPENE		0.56	U	
TRICHLOROETHENE		0.22	U	
TRICHLOROFLUOROMETHANE		0.49	U	

PROJ_NO: 07336	NSAMPLE	TB-110515		
SDG: 240-57597-1	LAB_ID	240-57597-16		
FRACTION: OV	SAMP_DATE	11/5/2015		
MEDIA: WATER	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER		RESULT	VQL	QLCD
VINYL ACETATE		0.41	U	
VINYL CHLORIDE		0.29	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1-BIPHENYL		4.1	U		4.2	U		4.2	U		4.2	U	
2,2'-OXYBIS(1-CHLOROPROPANE)		11	U		11	U		11	U		11	U	
2,4,5-TRICHLOROPHENOL		29	U		30	U		30	U		30	U	
2,4,6-TRICHLOROPHENOL		10	U		11	U		11	U		11	U	
2,4-DICHLOROPHENOL		23	U		24	U		24	U		24	U	
2,4-DIMETHYLPHENOL		23	U		24	U		24	U		24	U	
2,4-DINITROPHENOL		24	U		25	U		25	U		25	U	
2,4-DINITROTOLUENE		20	U		20	U		20	U		20	U	
2,6-DINITROTOLUENE		24	U		25	U		25	U		25	U	
2-CHLORONAPHTHALENE		0.52	U		0.54	U		0.53	U		0.54	U	
2-CHLOROPHENOL		9.5	U		9.9	U		9.7	U		9.8	U	
2-METHYLNAPHTHALENE		0.58	U		0.6	U		0.59	U		0.6	U	
2-METHYLPHENOL		13	U		13	U		13	U		13	U	
2-NITROANILINE		11	U		11	U		11	U		11	U	
2-NITROPHENOL		9.7	U		10	U		9.9	U		9.9	U	
3&4-METHYLPHENOL		23	U		24	U		24	U		24	U	
3,3'-DICHLOROBENZIDINE		21	U		22	U		21	U		22	U	
3-NITROANILINE		19	U		19	U		19	U		19	U	
4,6-DINITRO-2-METHYLPHENOL		11	U		11	U		11	U		11	U	
4-BROMOPHENYL PHENYL ETHER		15	U		16	U		15	U		16	U	
4-CHLORO-3-METHYLPHENOL		24	U		25	U		25	U		25	U	
4-CHLOROANILINE		20	U		20	U		20	U		20	U	
4-CHLOROPHENYL PHENYL ETHER		15	U		16	U		15	U		16	U	
4-NITROANILINE		30	U		31	U		31	U		31	U	
4-NITROPHENOL		20	U		20	U		20	U		20	U	
ACENAPHTHENE		0.88	U		0.91	U		0.9	U		0.91	U	
ACENAPHTHYLENE		0.41	U		0.42	U		0.42	U		0.42	U	
ACETOPHENONE		11	U		38	J	P	16	J	P	11	U	
ANTHRACENE		0.91	U		0.94	U		0.93	U		0.93	U	
ATRAZINE		11	U		11	U		11	U		11	U	
BENZALDEHYDE		14	UJ	C	19	J	CP	14	UJ	C	14	UJ	C
BENZO(A)ANTHRACENE		0.73	U		0.76	U		0.75	U		0.75	U	
BENZO(A)PYRENE		0.74	U		0.77	U		0.76	U		0.77	U	
BENZO(B)FLUORANTHENE		0.69	U		0.71	U		0.7	U		0.71	U	
BENZO(G,H,I)PERYLENE		0.41	U		0.42	U		0.42	U		0.42	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1-BIPHENYL		4.1	U		4.1	U		4.1	U		4.3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)		11	U		11	U		11	U		12	U	
2,4,5-TRICHLOROPHENOL		29	U		30	U		29	U		30	U	
2,4,6-TRICHLOROPHENOL		10	U		11	U		10	U		11	U	
2,4-DICHLOROPHENOL		23	U		24	U		23	U		24	U	
2,4-DIMETHYLPHENOL		23	U		24	U		23	U		24	U	
2,4-DINITROPHENOL		24	U		25	U		25	U		26	U	
2,4-DINITROTOLUENE		20	U		20	U		20	U		21	U	
2,6-DINITROTOLUENE		24	U		25	U		25	U		26	U	
2-CHLORONAPHTHALENE		0.52	U		0.53	U		0.53	U		0.55	U	
2-CHLOROPHENOL		9.5	U		9.7	U		9.6	U		10	U	
2-METHYLNAPHTHALENE		0.58	U		0.59	U		0.58	U		0.61	U	
2-METHYLPHENOL		13	U		13	U		13	U		13	U	
2-NITROANILINE		11	U		11	U		11	U		11	U	
2-NITROPHENOL		9.6	U		9.8	U		9.7	U		10	U	
3&4-METHYLPHENOL		23	U		24	U		23	U		24	U	
3,3'-DICHLOROBENZIDINE		21	U		21	U		21	U		22	U	
3-NITROANILINE		19	U		19	U		19	U		19	U	
4,6-DINITRO-2-METHYLPHENOL		11	U		11	U		11	U		11	U	
4-BROMOPHENYL PHENYL ETHER		15	U		15	U		15	U		16	U	
4-CHLORO-3-METHYLPHENOL		24	U		25	U		25	U		26	U	
4-CHLOROANILINE		20	U		20	U		20	U		21	U	
4-CHLOROPHENYL PHENYL ETHER		15	U		15	U		15	U		16	U	
4-NITROANILINE		30	U		31	U		30	U		32	U	
4-NITROPHENOL		20	U		20	U		20	U		21	U	
ACENAPHTHENE		0.88	U		0.9	U		0.89	U		0.92	U	
ACENAPHTHYLENE		0.41	U		0.41	U		0.41	U		0.43	U	
ACETOPHENONE		11	U		11	J	P	11	U		11	U	
ANTHRACENE		0.9	U		0.92	U		0.91	U		0.95	U	
ATRAZINE		11	U		11	U		11	U		11	U	
BENZALDEHYDE		14	UJ	C	14	UJ	C	14	UJ	C	15	UJ	C
BENZO(A)ANTHRACENE		0.73	U		0.75	U		0.74	U		0.77	U	
BENZO(A)PYRENE		0.74	U		0.76	U		0.75	U		0.78	U	
BENZO(B)FLUORANTHENE		0.68	U		0.7	U		0.69	U		0.72	U	
BENZO(G,H,I)PERYLENE		0.41	U		0.41	U		0.41	U		0.43	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1-BIPHENYL		4.2	U		4.1	U		4.2	U		4.2	U	
2,2'-OXYBIS(1-CHLOROPROPANE)		11	U		11	U		11	U		12	U	
2,4,5-TRICHLOROPHENOL		30	U		29	U		30	U		30	U	
2,4,6-TRICHLOROPHENOL		11	U		10	U		11	U		11	U	
2,4-DICHLOROPHENOL		24	U		23	U		24	U		24	U	
2,4-DIMETHYLPHENOL		24	U		23	U		24	U		24	U	
2,4-DINITROPHENOL		25	U		25	U		25	U		25	U	
2,4-DINITROTOLUENE		20	U		20	U		20	U		21	U	
2,6-DINITROTOLUENE		25	U		25	U		25	U		25	U	
2-CHLORONAPHTHALENE		0.54	U		0.53	U		0.54	U		0.55	U	
2-CHLOROPHENOL		9.8	U		9.6	U		9.8	U		9.9	U	
2-METHYLNAPHTHALENE		0.6	U		0.58	U		0.6	U		0.61	U	
2-METHYLPHENOL		13	U		13	U		13	U		13	U	
2-NITROANILINE		11	U		11	U		11	U		11	U	
2-NITROPHENOL		9.9	U		9.7	U		9.9	U		10	U	
3&4-METHYLPHENOL		24	U		23	U		24	U		24	U	
3,3'-DICHLOROBENZIDINE		21	U		21	U		21	U		22	U	
3-NITROANILINE		19	U		19	U		19	U		19	U	
4,6-DINITRO-2-METHYLPHENOL		11	U		11	U		11	U		11	U	
4-BROMOPHENYL PHENYL ETHER		15	U		15	U		15	U		16	U	
4-CHLORO-3-METHYLPHENOL		25	U		25	U		25	U		25	U	
4-CHLOROANILINE		20	U		20	U		20	U		21	U	
4-CHLOROPHENYL PHENYL ETHER		15	U		15	U		15	U		16	U	
4-NITROANILINE		31	U		30	U		31	U		32	U	
4-NITROPHENOL		20	U		20	U		20	U		21	U	
ACENAPHTHENE		0.91	U		0.89	U		0.91	U		0.92	U	
ACENAPHTHYLENE		0.42	U		0.41	U		0.42	U		0.42	U	
ACETOPHENONE		13	J	P	11	U		11	U		11	U	
ANTHRACENE		0.93	U		0.91	U		0.93	U		0.95	U	
ATRAZINE		11	U		11	U		11	U		11	U	
BENZALDEHYDE		14	UJ	C	14	UJ	C	14	UJ	C	15	UJ	C
BENZO(A)ANTHRACENE		0.75	U		0.74	U		0.75	U		0.76	U	
BENZO(A)PYRENE		0.76	U		0.75	U		0.76	U		0.78	U	
BENZO(B)FLUORANTHENE		0.7	U		0.69	U		0.7	U		0.72	U	
BENZO(G,H,I)PERYLENE		0.42	U		0.41	U		0.42	U		0.42	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
1,1-BIPHENYL		4.2	U		4.4	U		4.1	U	
2,2'-OXYBIS(1-CHLOROPROPANE)		12	U		12	U		11	U	
2,4,5-TRICHLOROPHENOL		30	U		31	U		29	U	
2,4,6-TRICHLOROPHENOL		11	U		11	U		10	U	
2,4-DICHLOROPHENOL		24	U		25	U		23	U	
2,4-DIMETHYLPHENOL		24	U		25	U		23	U	
2,4-DINITROPHENOL		25	U		26	U		24	U	
2,4-DINITROTOLUENE		21	U		21	U		20	U	
2,6-DINITROTOLUENE		25	U		26	U		24	U	
2-CHLORONAPHTHALENE		0.55	U		0.56	U		0.52	U	
2-CHLOROPHENOL		9.9	U		10	U		9.6	U	
2-METHYLNAPHTHALENE		0.61	U		0.62	U		0.58	U	
2-METHYLPHENOL		13	U		14	U		13	U	
2-NITROANILINE		11	U		11	U		11	U	
2-NITROPHENOL		10	U		10	U		9.7	U	
3&4-METHYLPHENOL		24	U		25	U		23	U	
3,3'-DICHLOROBENZIDINE		22	U		22	U		21	U	
3-NITROANILINE		19	U		20	U		19	U	
4,6-DINITRO-2-METHYLPHENOL		11	U		11	U		11	U	
4-BROMOPHENYL PHENYL ETHER		16	U		16	U		15	U	
4-CHLORO-3-METHYLPHENOL		25	U		26	U		24	U	
4-CHLOROANILINE		21	U		21	U		20	U	
4-CHLOROPHENYL PHENYL ETHER		16	U		16	U		15	U	
4-NITROANILINE		31	U		32	U		30	U	
4-NITROPHENOL		21	U		21	U		20	U	
ACENAPHTHENE		0.92	U		0.95	U		0.89	U	
ACENAPHTHYLENE		0.42	U		0.44	U		0.41	U	
ACETOPHENONE		11	U		13	J	P	11	U	
ANTHRACENE		0.94	U		0.97	U		0.91	U	
ATRAZINE		11	U		11	U		11	U	
BENZALDEHYDE		15	UJ	C	15	UJ	C	14	UJ	C
BENZO(A)ANTHRACENE		0.76	U		0.79	U		0.73	U	
BENZO(A)PYRENE		0.78	U		0.8	U		0.75	U	
BENZO(B)FLUORANTHENE		0.71	U		0.74	U		0.69	U	
BENZO(G,H,I)PERYLENE		0.42	U		0.44	U		0.41	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
BENZO(K)FLUORANTHENE		0.79	U		0.82	U		0.81	U		0.81	U	
BIS(2-CHLOROETHOXY)METHANE		26	U		26	U		26	U		26	U	
BIS(2-CHLOROETHYL)ETHER		2.3	U		2.4	U		2.4	U		2.4	U	
BIS(2-ETHYLHEXYL)PHTHALATE		29	J	P	23	U		31	J	P	23	U	
BUTYL BENZYL PHTHALATE		12	U		12	U		12	U		12	U	
CAPROLACTAM		43	U		45	U		44	U		44	U	
CARBAZOLE		31	U		32	U		32	U		32	U	
CHRYSENE		1.3	U		1.3	U		1.3	U		1.3	U	
DIBENZO(A,H)ANTHRACENE		0.77	U		0.79	U		0.78	U		0.79	U	
DIBENZOFURAN		0.77	U		0.79	U		0.78	U		0.79	U	
DIETHYL PHTHALATE		19	U		19	U		19	U		19	U	
DIMETHYL PHTHALATE		20	U		20	U		20	U		20	U	
DI-N-BUTYL PHTHALATE		17	U		18	U		18	U		18	U	
DI-N-OCTYL PHTHALATE		9.2	U		9.5	U		9.4	U		9.4	U	
FLUORANTHENE		0.64	U		0.66	U		0.65	U		0.66	U	
FLUORENE		0.62	U		0.64	U		0.63	U		0.63	U	
HEXACHLOROBENZENE		2.4	U		2.5	U		2.5	U		2.5	U	
HEXACHLOROBUTADIENE		6.5	U		6.7	U		6.6	U		6.7	U	
HEXACHLOROCYCLOPENTADIENE		9.4	UJ	C	9.7	U		9.6	UJ	C	9.7	U	
HEXACHLOROETHANE		10	U		11	U		11	U		11	U	
INDENO(1,2,3-CD)PYRENE		0.41	U		0.42	U		0.42	U		0.42	U	
ISOPHORONE		15	U		16	U		15	U		16	U	
NAPHTHALENE		0.95	U		0.99	U		0.97	U		0.98	U	
NITROBENZENE		2.6	U		2.6	U		2.6	U		2.6	U	
N-NITROSO-DI-N-PROPYLAMINE		7.3	U		7.6	UJ	C	7.5	U		7.5	UJ	C
N-NITROSODIPHENYLAMINE		24	U		25	U		25	U		25	U	
PENTACHLOROPHENOL		11	U		11	U		11	U		11	U	
PHENANTHRENE		0.85	U		0.88	U		0.87	U		0.87	U	
PHENOL		8.5	U		8.8	U		8.7	U		8.7	U	
PYRENE		0.51	U		0.53	U		0.52	U		0.53	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
BENZO(K)FLUORANTHENE		0.79	U		0.8	U		0.8	U		0.83	U	
BIS(2-CHLOROETHOXY)METHANE		25	U		26	U		26	U		27	U	
BIS(2-CHLOROETHYL)ETHER		2.3	U		2.4	U		2.3	U		2.4	U	
BIS(2-ETHYLHEXYL)PHTHALATE		60	J	P	22	U		22	U		23	U	
BUTYL BENZYL PHTHALATE		12	U		12	U		12	U		12	U	
CAPROLACTAM		43	U		44	U		43	U		45	U	
CARBAZOLE		31	U		32	U		32	U		33	U	
CHRYSENE		1.3	U		1.3	U		1.3	U		1.3	U	
DIBENZO(A,H)ANTHRACENE		0.76	U		0.78	U		0.77	U		0.8	U	
DIBENZOFURAN		0.76	U		0.78	U		0.77	U		0.8	U	
DIETHYL PHTHALATE		19	U		19	U		19	U		19	U	
DIMETHYL PHTHALATE		20	U		20	U		20	U		21	U	
DI-N-BUTYL PHTHALATE		18	J	P	18	U		18	U		18	U	
DI-N-OCTYL PHTHALATE		9.1	U		9.4	U		9.2	U		9.6	U	
FLUORANTHENE		0.64	U		0.65	U		0.64	U		0.67	U	
FLUORENE		0.61	U		0.63	U		0.62	U		0.64	U	
HEXACHLOROBENZENE		2.4	U		2.5	U		2.5	U		2.6	U	
HEXACHLOROBUTADIENE		6.5	U		6.6	U		6.6	U		6.8	U	
HEXACHLOROCYCLOPENTADIENE		9.4	U		9.6	U		9.5	UJ	C	9.8	UJ	C
HEXACHLOROETHANE		10	U		11	U		11	U		11	U	
INDENO(1,2,3-CD)PYRENE		0.41	U		0.41	U		0.41	U		0.43	U	
ISOPHORONE		15	U		15	U		15	U		16	U	
NAPHTHALENE		0.95	U		0.97	U		0.96	U		1	U	
NITROBENZENE		2.5	U		2.6	U		2.6	U		2.7	U	
N-NITROSO-DI-N-PROPYLAMINE		7.3	UJ	C	7.5	UJ	C	7.4	U		7.7	U	
N-NITROSODIPHENYLAMINE		24	U		25	U		25	U		26	U	
PENTACHLOROPHENOL		11	U		11	U		11	U		11	U	
PHENANTHRENE		0.85	U		0.86	U		0.85	U		0.89	U	
PHENOL		8.5	U		8.6	U		8.5	U		8.9	U	
PYRENE		0.51	U		0.52	U		0.51	U		0.53	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
BENZO(K)FLUORANTHENE		0.81	U		0.79	U		0.81	U		0.82	U	
BIS(2-CHLOROETHOXY)METHANE		26	U		26	U		26	U		27	U	
BIS(2-CHLOROETHYL)ETHER		2.4	U		2.3	U		2.4	U		2.4	U	
BIS(2-ETHYLHEXYL)PHTHALATE		33	J	P	38	J	P	32	J	P	32	J	P
BUTYL BENZYL PHTHALATE		12	U		12	U		12	U		12	U	
CAPROLACTAM		44	U		43	U		44	U		45	U	
CARBAZOLE		32	U		32	U		32	U		33	U	
CHRYSENE		1.3	U		1.3	U		1.3	U		1.3	U	
DIBENZO(A,H)ANTHRACENE		0.79	U		0.77	U		0.79	U		0.8	U	
DIBENZOFURAN		0.79	U		0.77	U		0.79	U		0.8	U	
DIETHYL PHTHALATE		19	U		19	U		19	U		19	U	
DIMETHYL PHTHALATE		20	U		20	U		20	U		21	U	
DI-N-BUTYL PHTHALATE		18	U		18	U		18	U		18	U	
DI-N-OCTYL PHTHALATE		9.4	U		9.2	U		9.4	U		9.6	U	
FLUORANTHENE		0.66	U		0.64	U		0.66	U		0.67	U	
FLUORENE		0.63	U		0.62	U		0.63	U		0.64	U	
HEXACHLOROBENZENE		2.5	U		2.5	U		2.5	U		2.5	U	
HEXACHLOROBUTADIENE		6.7	U		6.5	U		6.7	U		6.8	U	
HEXACHLOROCYCLOPENTADIENE		9.7	UJ	C	9.5	UJ	C	9.7	UJ	C	9.8	UJ	C
HEXACHLOROETHANE		11	U		11	U		11	U		11	U	
INDENO(1,2,3-CD)PYRENE		0.42	U		0.41	U		0.42	U		0.42	U	
ISOPHORONE		15	U		15	U		15	U		16	U	
NAPHTHALENE		0.98	U		0.96	U		0.98	U		0.99	U	
NITROBENZENE		2.6	U		2.6	U		2.6	U		2.7	U	
N-NITROSO-DI-N-PROPYLAMINE		7.5	U		7.4	U		7.5	U		7.6	U	
N-NITROSODIPHENYLAMINE		25	U		25	U		25	U		25	U	
PENTACHLOROPHENOL		11	U		11	U		11	U		11	U	
PHENANTHRENE		0.87	U		0.85	U		0.87	U		0.89	U	
PHENOL		8.7	U		8.5	U		8.7	U		8.9	U	
PYRENE		0.52	U		0.51	U		0.52	U		0.53	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: OS	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
BENZO(K)FLUORANTHENE		0.82	U		0.85	U		0.79	U	
BIS(2-CHLOROETHOXY)METHANE		27	U		27	U		26	U	
BIS(2-CHLOROETHYL)ETHER		2.4	U		2.5	U		2.3	U	
BIS(2-ETHYLHEXYL)PHTHALATE		23	U		40	J	P	22	J	P
BUTYL BENZYL PHTHALATE		12	U		12	U		12	U	
CAPROLACTAM		45	U		46	U		43	U	
CARBAZOLE		33	U		34	U		31	U	
CHRYSENE		1.3	U		1.4	U		1.3	U	
DIBENZO(A,H)ANTHRACENE		0.8	U		0.82	U		0.77	U	
DIBENZOFURAN		0.8	U		0.82	U		0.77	U	
DIETHYL PHTHALATE		19	U		20	U		19	U	
DIMETHYL PHTHALATE		21	U		21	U		20	U	
DI-N-BUTYL PHTHALATE		18	U		19	U		17	U	
DI-N-OCTYL PHTHALATE		9.6	U		9.9	U		9.2	U	
FLUORANTHENE		0.67	U		0.69	U		0.64	U	
FLUORENE		0.64	U		0.66	U		0.62	U	
HEXACHLOROBENZENE		2.5	U		2.6	U		2.4	U	
HEXACHLOROBUTADIENE		6.8	U		7	U		6.5	U	
HEXACHLOROCYCLOPENTADIENE		9.8	UJ	C	10	UJ	C	9.4	U	
HEXACHLOROETHANE		11	U		11	U		10	U	
INDENO(1,2,3-CD)PYRENE		0.42	U		0.44	U		0.41	U	
ISOPHORONE		16	U		16	U		15	U	
NAPHTHALENE		0.99	U		1	U		0.96	U	
NITROBENZENE		2.7	U		2.7	U		2.6	U	
N-NITROSO-DI-N-PROPYLAMINE		7.6	U		7.9	U		7.3	UJ	C
N-NITROSODIPHENYLAMINE		25	U		26	U		24	U	
PENTACHLOROPHENOL		11	U		11	U		11	U	
PHENANTHRENE		0.88	U		0.91	U		0.85	U	
PHENOL		8.8	U		9.1	U		8.5	U	
PYRENE		0.53	U		0.55	U		0.51	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14			F-VB-UST-11-14			F-VB-UST-1-14			F-VB-UST-12-14		
SDG: 240-57597-1	LAB_ID	240-57597-10			240-57597-11			240-57597-1			240-57597-12		
FRACTION: PCB	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	86.6			83.5			84.3			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
AROCLOR-1016		14	U		14	U		14	U		14	U	
AROCLOR-1221		19	U		19	U		19	U		19	U	
AROCLOR-1232		23	U		24	U		24	U		24	U	
AROCLOR-1242		13	U		13	U		13	U		13	U	
AROCLOR-1248		9.3	U		9.5	U		9.6	U		9.4	U	
AROCLOR-1254		16	U		17	U		17	U		16	U	
AROCLOR-1260		10	U		11	U		11	U		11	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14			F-VB-UST-14-14			F-VB-UST-2-14			F-VB-UST-3-14		
SDG: 240-57597-1	LAB_ID	240-57597-13			240-57597-14			240-57597-2			240-57597-3		
FRACTION: PCB	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.5			85.0			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
AROCLOR-1016		14	U		14	U		14	U		15	U	
AROCLOR-1221		19	U		19	U		19	U		19	U	
AROCLOR-1232		23	U		23	U		23	U		24	U	
AROCLOR-1242		13	U		13	U		13	U		13	U	
AROCLOR-1248		9.3	U		9.3	U		9.4	U		9.7	U	
AROCLOR-1254		16	U		16	U		16	U		17	U	
AROCLOR-1260		10	U		10	U		11	U		11	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14			F-VB-UST-5-14			F-VB-UST-6-14			F-VB-UST-7-14		
SDG: 240-57597-1	LAB_ID	240-57597-4			240-57597-5			240-57597-6			240-57597-7		
FRACTION: PCB	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.8			83.5			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
AROCLOR-1016		14	U		14	U		14	U		14	U	
AROCLOR-1221		19	U		19	U		19	U		19	U	
AROCLOR-1232		24	U		23	U		24	U		24	U	
AROCLOR-1242		13	U		13	U		13	U		13	U	
AROCLOR-1248		9.6	U		9.3	U		9.6	U		9.5	U	
AROCLOR-1254		17	U		16	U		17	U		17	U	
AROCLOR-1260		11	U		10	U		11	U		11	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14			F-VB-UST-9-14			F-VB-UST-DUP		
SDG: 240-57597-1	LAB_ID	240-57597-8			240-57597-9			240-57597-15		
FRACTION: PCB	SAMP_DATE	11/5/2015			11/5/2015			11/5/2015		
MEDIA: SOIL	QC_TYPE	NM			NM			NM		
	UNITS	UG/KG			UG/KG			UG/KG		
	PCT_SOLIDS	82.0			80.9			85.5		
	DUP_OF							F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
AROCLOR-1016		15	U		15	U		14	U	
AROCLOR-1221		20	U		20	U		18	U	
AROCLOR-1232		25	U		25	U		23	U	
AROCLOR-1242		14	U		14	U		13	U	
AROCLOR-1248		9.8	U		9.9	U		9.2	U	
AROCLOR-1254		17	U		17	U		16	U	
AROCLOR-1260		11	U		11	U		10	U	

PROJ_NO: 07336	NSAMPLE	F-VB-UST-10-14						F-VB-UST-11-14					
SDG: 240-57597-1	LAB_ID	240-57597-10						240-57597-11					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	86.6			86.6			83.5			83.5		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					53	U					55	U	
TPH (C10-C32)		13	U	A				9	U	A			

PROJ_NO: 07336	NSAMPLE	F-VB-UST-1-14						F-VB-UST-12-14					
SDG: 240-57597-1	LAB_ID	240-57597-1						240-57597-12					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	84.3			84.3			84.1			84.1		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					55	U					54	U	
TPH (C10-C32)		16	U	A				30	U	A			

PROJ_NO: 07336	NSAMPLE	F-VB-UST-13-14						F-VB-UST-14-14					
SDG: 240-57597-1	LAB_ID	240-57597-13						240-57597-14					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	85.3			85.3			85.5			85.5		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					54	U					54	U	
TPH (C10-C32)		13	U	A				11	U	A			

PROJ_NO: 07336	NSAMPLE	F-VB-UST-2-14						F-VB-UST-3-14					
SDG: 240-57597-1	LAB_ID	240-57597-2						240-57597-3					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	85.0			85.0			82.2			82.2		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					54	U					56	U	
TPH (C10-C32)		10	U	A				7.7	U				

PROJ_NO: 07336	NSAMPLE	F-VB-UST-4-14						F-VB-UST-5-14					
SDG: 240-57597-1	LAB_ID	240-57597-4						240-57597-5					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	84.4			84.4			84.8			84.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					55	U					77	J	P
TPH (C10-C32)		7.6	U	A				7.5	U				

PROJ_NO: 07336	NSAMPLE	F-VB-UST-6-14						F-VB-UST-7-14					
SDG: 240-57597-1	LAB_ID	240-57597-6						240-57597-7					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	83.5			83.5			83.8			83.8		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					55	U					55	U	
TPH (C10-C32)		7.7	U					16	U	A			

PROJ_NO: 07336	NSAMPLE	F-VB-UST-8-14						F-VB-UST-9-14					
SDG: 240-57597-1	LAB_ID	240-57597-8						240-57597-9					
FRACTION: PET	SAMP_DATE	11/5/2015						11/5/2015					
MEDIA: SOIL	QC_TYPE	NM						NM					
	UNITS	MG/KG			UG/KG			MG/KG			UG/KG		
	PCT_SOLIDS	82.0			82.0			80.9			80.9		
	DUP_OF												
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					56	U					57	U	
TPH (C10-C32)		7.7	U					7.8	U				

PROJ_NO: 07336	NSAMPLE	F-VB-UST-DUP					
SDG: 240-57597-1	LAB_ID	240-57597-15					
FRACTION: PET	SAMP_DATE	11/5/2015					
MEDIA: SOIL	QC_TYPE	NM					
	UNITS	MG/KG			UG/KG		
	PCT_SOLIDS	85.5			85.5		
	DUP_OF	F-VB-UST-2-14			F-VB-UST-2-14		
PARAMETER		RESULT	VQL	QLCD	RESULT	VQL	QLCD
TPH (C06-C10)					54	U	
TPH (C10-C32)		8.2	U	A			

Appendix B

Results as Reported by the Laboratory

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.81	U	5.0	0.81
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.79	U	5.0	0.79
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	3.9	J B	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.91	U	5.0	0.91
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.80	U	5.0	0.80
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.72	U	5.0	0.72
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.8	U	200	5.8
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.75	U	5.0	0.75
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.92	U	5.0	0.92
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.81	U	5.0	0.81
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.88	U	5.5	0.88
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	0.99	U	5.5	0.99
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.78	U	5.5	0.78
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.88	U	5.5	0.88
108-88-3	Toluene	0.30	U	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.9	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	U	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.87	U	5.5	0.87
563-58-6	1,1-Dichloropropene	0.40	U	5.5	0.40
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.85	U	5.5	0.85
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.41	U	5.5	0.41
95-63-6	1,2,4-Trimethylbenzene	0.63	U	5.5	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.75	U	5.5	0.75
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.74	U	22	0.74
106-43-4	4-Chlorotoluene	0.28	U	5.5	0.28
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.2	U	22	6.2
71-43-2	Benzene	0.98	U	5.5	0.98
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.64	U	5.5	0.64
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.40	U	5.5	0.40
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.86	U	5.5	0.86
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.77	U	5.5	0.77
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.2	U	220	6.2
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.64	U	11	0.64
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.64	U	5.5	0.64
103-65-1	N-Propylbenzene	0.65	U	5.5	0.65
95-47-6	o-Xylene	0.62	U	5.5	0.62
135-98-8	sec-Butylbenzene	0.99	U	5.5	0.99
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.87	U	5.5	0.87
108-88-3	Toluene	0.29	U	5.5	0.29
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.41	U	5.5	0.41
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.73	U	5.5	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	94		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U F2	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U F2	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U F1	23	1.4
67-64-1	Acetone	13	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U F2	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	J	5.8	0.41
104-51-8	n-Butylbenzene	0.68	U F2	5.8	0.68
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U F2	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U F1	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.8	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.45	J	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	4.1	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	U	5.8	0.48
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.78	U	23	0.78
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.48	U	5.8	0.48
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.41	U	5.8	0.41
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.48	U	5.8	0.48
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.33	U	5.8	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.48	U	12	0.48
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.0	U	5.8	1.0
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.33	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.8	0.33
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.33	U	5.8	0.33
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		67-125
1868-53-7	Dibromofluoromethane (Surr)	93		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.4	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	12	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.36	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	3.5	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.60	U	6.0	0.60
71-55-6	1,1,1-Trichloroethane	0.77	U	6.0	0.77
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	6.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	6.0	0.50
75-34-3	1,1-Dichloroethane	0.40	U	6.0	0.40
75-35-4	1,1-Dichloroethene	0.95	U	6.0	0.95
563-58-6	1,1-Dichloropropene	0.44	U	6.0	0.44
87-61-6	1,2,3-Trichlorobenzene	0.60	U	6.0	0.60
96-18-4	1,2,3-Trichloropropane	0.93	U	6.0	0.93
526-73-8	1,2,3-Trimethylbenzene	0.55	U	6.0	0.55
120-82-1	1,2,4-Trichlorobenzene	0.45	U	6.0	0.45
95-63-6	1,2,4-Trimethylbenzene	0.69	U	6.0	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	6.0	0.40
107-06-2	1,2-Dichloroethane	0.55	U	6.0	0.55
78-87-5	1,2-Dichloropropane	0.17	U	6.0	0.17
541-73-1	1,3-Dichlorobenzene	0.82	U	6.0	0.82
142-28-9	1,3-Dichloropropane	0.48	U	6.0	0.48
106-46-7	1,4-Dichlorobenzene	0.33	U	6.0	0.33
594-20-7	2,2-Dichloropropane	0.52	U	6.0	0.52
78-93-3	2-Butanone (MEK)	3.9	J B	24	1.3
110-75-8	2-Chloroethyl vinyl ether	0.76	U	60	0.76
95-49-8	2-Chlorotoluene	0.36	U	6.0	0.36
591-78-6	2-Hexanone	0.81	U	24	0.81
106-43-4	4-Chlorotoluene	0.31	U	6.0	0.31
99-87-6	p-Isopropyltoluene	0.49	U	6.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	24	1.5
67-64-1	Acetone	6.8	U	24	6.8
71-43-2	Benzene	1.1	U	6.0	1.1
108-86-1	Bromobenzene	0.39	U	6.0	0.39
75-25-2	Bromoform	0.29	U	6.0	0.29
74-83-9	Bromomethane	0.50	U	6.0	0.50
75-15-0	Carbon disulfide	0.70	U	6.0	0.70
56-23-5	Carbon tetrachloride	0.77	U	6.0	0.77
108-90-7	Chlorobenzene	0.63	U	6.0	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.60	U	6.0	0.60
71-55-6	1,1,1-Trichloroethane	0.77	U	6.0	0.77
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	6.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	6.0	0.50
75-34-3	1,1-Dichloroethane	0.40	U	6.0	0.40
75-35-4	1,1-Dichloroethene	0.95	U	6.0	0.95
563-58-6	1,1-Dichloropropene	0.44	U	6.0	0.44
87-61-6	1,2,3-Trichlorobenzene	0.60	U	6.0	0.60
96-18-4	1,2,3-Trichloropropane	0.93	U	6.0	0.93
526-73-8	1,2,3-Trimethylbenzene	0.55	U	6.0	0.55
120-82-1	1,2,4-Trichlorobenzene	0.45	U	6.0	0.45
95-63-6	1,2,4-Trimethylbenzene	0.69	U	6.0	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	6.0	0.40
107-06-2	1,2-Dichloroethane	0.55	U	6.0	0.55
78-87-5	1,2-Dichloropropane	0.17	U	6.0	0.17
541-73-1	1,3-Dichlorobenzene	0.82	U	6.0	0.82
142-28-9	1,3-Dichloropropane	0.48	U	6.0	0.48
106-46-7	1,4-Dichlorobenzene	0.33	U	6.0	0.33
594-20-7	2,2-Dichloropropane	0.52	U	6.0	0.52
78-93-3	2-Butanone (MEK)	3.9	J B	24	1.3
110-75-8	2-Chloroethyl vinyl ether	0.76	U	60	0.76
95-49-8	2-Chlorotoluene	0.36	U	6.0	0.36
591-78-6	2-Hexanone	0.81	U	24	0.81
106-43-4	4-Chlorotoluene	0.31	U	6.0	0.31
99-87-6	p-Isopropyltoluene	0.49	U	6.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	24	1.5
67-64-1	Acetone	6.8	U	24	6.8
71-43-2	Benzene	1.1	U	6.0	1.1
108-86-1	Bromobenzene	0.39	U	6.0	0.39
75-25-2	Bromoform	0.29	U	6.0	0.29
74-83-9	Bromomethane	0.50	U	6.0	0.50
75-15-0	Carbon disulfide	0.70	U	6.0	0.70
56-23-5	Carbon tetrachloride	0.77	U	6.0	0.77
108-90-7	Chlorobenzene	0.63	U	6.0	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.44	U	6.0	0.44
75-00-3	Chloroethane	0.52	U	6.0	0.52
67-66-3	Chloroform	0.43	U	6.0	0.43
74-87-3	Chloromethane	0.94	U	6.0	0.94
156-59-2	cis-1,2-Dichloroethene	0.33	U	6.0	0.33
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.0	0.85
74-95-3	Dibromomethane	0.50	U	6.0	0.50
74-97-5	Bromochloromethane	0.39	U	6.0	0.39
75-71-8	Dichlorodifluoromethane	0.33	U	6.0	0.33
75-27-4	Bromodichloromethane	0.35	U	6.0	0.35
75-65-0	tert-Butyl alcohol (TBA)	6.8	U	240	6.8
100-41-4	Ethylbenzene	0.38	U	6.0	0.38
87-68-3	Hexachlorobutadiene	0.48	U	6.0	0.48
108-20-3	Diisopropyl ether	0.70	U	12	0.70
98-82-8	Isopropylbenzene	0.24	U	6.0	0.24
1634-04-4	Methyl tert-butyl ether	0.51	U	6.0	0.51
75-09-2	Methylene Chloride	0.88	U	6.0	0.88
179601-23-1	m-Xylene & p-Xylene	0.50	U	12	0.50
91-20-3	Naphthalene	0.42	U	6.0	0.42
104-51-8	n-Butylbenzene	0.70	U	6.0	0.70
103-65-1	N-Propylbenzene	0.71	U	6.0	0.71
95-47-6	o-Xylene	0.68	U	6.0	0.68
135-98-8	sec-Butylbenzene	1.1	U	6.0	1.1
100-42-5	Styrene	0.48	U	6.0	0.48
994-05-8	Tert-amyl methyl ether	0.51	U	6.0	0.51
637-92-3	Ethyl t-butyl ether	0.49	U	6.0	0.49
127-18-4	Tetrachloroethene	0.95	U	6.0	0.95
108-88-3	Toluene	0.32	U	6.0	0.32
156-60-5	trans-1,2-Dichloroethene	0.38	U	6.0	0.38
10061-02-6	trans-1,3-Dichloropropene	0.35	U	6.0	0.35
79-01-6	Trichloroethene	0.45	U	6.0	0.45
75-69-4	Trichlorofluoromethane	0.35	U	6.0	0.35
108-05-4	Vinyl acetate	0.79	U	12	0.79
75-01-4	Vinyl chloride	0.36	U	6.0	0.36
1330-20-7	Xylenes, Total	0.64	U	12	0.64
98-06-6	tert-Butylbenzene	0.80	U	6.0	0.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.72	U	5.5	0.72
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.38	U	5.5	0.38
75-35-4	1,1-Dichloroethene	0.89	U	5.5	0.89
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.51	U	5.5	0.51
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.5	0.38
107-06-2	1,2-Dichloroethane	0.51	U	5.5	0.51
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.5	0.49
78-93-3	2-Butanone (MEK)	3.7	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.71	U	55	0.71
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	1.0	U	5.5	1.0
108-86-1	Bromobenzene	0.37	U	5.5	0.37
75-25-2	Bromoform	0.27	U	5.5	0.27
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.72	U	5.5	0.72
108-90-7	Chlorobenzene	0.59	U	5.5	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.49	U	5.5	0.49
67-66-3	Chloroform	0.40	U	5.5	0.40
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.79	U	5.5	0.79
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.37	U	5.5	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.5	0.48
75-09-2	Methylene Chloride	0.82	U	5.5	0.82
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.39	U	5.5	0.39
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.48	U	5.5	0.48
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.89	U	5.5	0.89
108-88-3	Toluene	0.30	J	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.73	U	11	0.73
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.60	U	11	0.60
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.59	U	5.5	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.52	U	5.2	0.52
71-55-6	1,1,1-Trichloroethane	0.67	U	5.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	5.2	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	U	5.2	0.43
75-34-3	1,1-Dichloroethane	0.35	U	5.2	0.35
75-35-4	1,1-Dichloroethene	0.83	U	5.2	0.83
563-58-6	1,1-Dichloropropene	0.38	U	5.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.52	U	5.2	0.52
96-18-4	1,2,3-Trichloropropane	0.81	U	5.2	0.81
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.2	0.48
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.2	0.39
95-63-6	1,2,4-Trimethylbenzene	0.60	U	5.2	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	2.8	U	10	2.8
95-50-1	1,2-Dichlorobenzene	0.35	U	5.2	0.35
107-06-2	1,2-Dichloroethane	0.48	U	5.2	0.48
78-87-5	1,2-Dichloropropane	0.14	U	5.2	0.14
541-73-1	1,3-Dichlorobenzene	0.71	U	5.2	0.71
142-28-9	1,3-Dichloropropane	0.41	U	5.2	0.41
106-46-7	1,4-Dichlorobenzene	0.29	U	5.2	0.29
594-20-7	2,2-Dichloropropane	0.45	U	5.2	0.45
78-93-3	2-Butanone (MEK)	3.1	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.66	U	52	0.66
95-49-8	2-Chlorotoluene	0.31	U	5.2	0.31
591-78-6	2-Hexanone	0.70	U	21	0.70
106-43-4	4-Chlorotoluene	0.27	U	5.2	0.27
99-87-6	p-Isopropyltoluene	0.42	U	5.2	0.42
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	5.9	U	21	5.9
71-43-2	Benzene	0.93	U	5.2	0.93
108-86-1	Bromobenzene	0.34	U	5.2	0.34
75-25-2	Bromoform	0.25	U	5.2	0.25
74-83-9	Bromomethane	0.43	U	5.2	0.43
75-15-0	Carbon disulfide	0.61	U	5.2	0.61
56-23-5	Carbon tetrachloride	0.67	U	5.2	0.67
108-90-7	Chlorobenzene	0.55	U	5.2	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.38	U	5.2	0.38
75-00-3	Chloroethane	0.45	U	5.2	0.45
67-66-3	Chloroform	0.37	U	5.2	0.37
74-87-3	Chloromethane	0.82	U	5.2	0.82
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.2	0.29
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.2	0.73
74-95-3	Dibromomethane	0.43	U	5.2	0.43
74-97-5	Bromochloromethane	0.34	U	5.2	0.34
75-71-8	Dichlorodifluoromethane	0.29	U	5.2	0.29
75-27-4	Bromodichloromethane	0.30	U	5.2	0.30
75-65-0	tert-Butyl alcohol (TBA)	5.9	U	210	5.9
100-41-4	Ethylbenzene	0.33	U	5.2	0.33
87-68-3	Hexachlorobutadiene	0.41	U	5.2	0.41
108-20-3	Diisopropyl ether	0.61	U	10	0.61
98-82-8	Isopropylbenzene	0.21	U	5.2	0.21
1634-04-4	Methyl tert-butyl ether	0.44	U	5.2	0.44
75-09-2	Methylene Chloride	0.76	U	5.2	0.76
179601-23-1	m-Xylene & p-Xylene	0.43	U	10	0.43
91-20-3	Naphthalene	0.36	U	5.2	0.36
104-51-8	n-Butylbenzene	0.61	U	5.2	0.61
103-65-1	N-Propylbenzene	0.62	U	5.2	0.62
95-47-6	o-Xylene	0.59	U	5.2	0.59
135-98-8	sec-Butylbenzene	0.94	U	5.2	0.94
100-42-5	Styrene	0.41	U	5.2	0.41
994-05-8	Tert-amyl methyl ether	0.44	U	5.2	0.44
637-92-3	Ethyl t-butyl ether	0.42	U	5.2	0.42
127-18-4	Tetrachloroethene	0.83	U	5.2	0.83
108-88-3	Toluene	0.28	U	5.2	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	5.2	0.33
10061-02-6	trans-1,3-Dichloropropene	0.30	U	5.2	0.30
79-01-6	Trichloroethene	0.39	U	5.2	0.39
75-69-4	Trichlorofluoromethane	0.30	U	5.2	0.30
108-05-4	Vinyl acetate	0.68	U	10	0.68
75-01-4	Vinyl chloride	0.31	U	5.2	0.31
1330-20-7	Xylenes, Total	0.56	U	10	0.56
98-06-6	tert-Butylbenzene	0.69	U	5.2	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.55	U	5.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	105		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	90		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.30	U	5.3	0.30
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	4.0	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.3	0.30
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.30	U	5.3	0.30
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.29	J	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	87		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	78		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.29	U	5.3	0.29
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	3.6	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.3	0.29
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.29	U	5.3	0.29
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.28	U	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.53	U	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	85		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		79-120
460-00-4	4-Bromofluorobenzene (Surr)	90		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.81	U	5.0	0.81
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.79	U	5.0	0.79
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	3.9	J B	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.91	U	5.0	0.91
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.80	U	5.0	0.80
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.72	U	5.0	0.72
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.8	U	200	5.8
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.75	U	5.0	0.75
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.92	U	5.0	0.92
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.81	U	5.0	0.81
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: 146336.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 5.89(g) | Date Analyzed: 11/10/2015 14:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	103		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	91		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.88	U	5.5	0.88
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	0.99	U	5.5	0.99
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.78	U	5.5	0.78
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.88	U	5.5	0.88
108-88-3	Toluene	0.30	U	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: 146337.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 5.36(g) | Date Analyzed: 11/10/2015 15:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		67-125
1868-53-7	Dibromofluoromethane (Surr)	95		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.76	U	5.8	0.76
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.40	U	5.8	0.40
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.91	U	5.8	0.91
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	5.8	0.40
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.33	U	5.8	0.33
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.9	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.48	U	5.8	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.69	U	5.8	0.69
56-23-5	Carbon tetrachloride	0.76	U	5.8	0.76
108-90-7	Chlorobenzene	0.62	U	5.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.33	U	5.8	0.33
10061-01-5	cis-1,3-Dichloropropene	0.83	U	5.8	0.83
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.33	U	5.8	0.33
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.69	U	12	0.69
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	U	5.8	0.41
104-51-8	n-Butylbenzene	0.69	U	5.8	0.69
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.48	U	5.8	0.48
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.77	U	12	0.77
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: 146338.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 5.23(g) | Date Analyzed: 11/10/2015 15:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.62	U	5.8	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	90		37-132
460-00-4	4-Bromofluorobenzene (Surr)	86		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.71	U	5.5	0.71
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.37	U	5.5	0.37
75-35-4	1,1-Dichloroethene	0.87	U	5.5	0.87
563-58-6	1,1-Dichloropropene	0.40	U	5.5	0.40
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.85	U	5.5	0.85
526-73-8	1,2,3-Trimethylbenzene	0.50	U	5.5	0.50
120-82-1	1,2,4-Trichlorobenzene	0.41	U	5.5	0.41
95-63-6	1,2,4-Trimethylbenzene	0.63	U	5.5	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.37	U	5.5	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.5	0.50
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.75	U	5.5	0.75
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.48	U	5.5	0.48
78-93-3	2-Butanone (MEK)	4.0	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.70	U	55	0.70
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.74	U	22	0.74
106-43-4	4-Chlorotoluene	0.28	U	5.5	0.28
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	22	1.3
67-64-1	Acetone	6.2	U	22	6.2
71-43-2	Benzene	0.98	U	5.5	0.98
108-86-1	Bromobenzene	0.36	U	5.5	0.36
75-25-2	Bromoform	0.26	U	5.5	0.26
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.64	U	5.5	0.64
56-23-5	Carbon tetrachloride	0.71	U	5.5	0.71
108-90-7	Chlorobenzene	0.58	U	5.5	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.40	U	5.5	0.40
75-00-3	Chloroethane	0.48	U	5.5	0.48
67-66-3	Chloroform	0.39	U	5.5	0.39
74-87-3	Chloromethane	0.86	U	5.5	0.86
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.77	U	5.5	0.77
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.36	U	5.5	0.36
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.2	U	220	6.2
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.64	U	11	0.64
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.47	U	5.5	0.47
75-09-2	Methylene Chloride	0.81	U	5.5	0.81
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.38	U	5.5	0.38
104-51-8	n-Butylbenzene	0.64	U	5.5	0.64
103-65-1	N-Propylbenzene	0.65	U	5.5	0.65
95-47-6	o-Xylene	0.62	U	5.5	0.62
135-98-8	sec-Butylbenzene	0.99	U	5.5	0.99
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.47	U	5.5	0.47
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.87	U	5.5	0.87
108-88-3	Toluene	0.29	U	5.5	0.29
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.41	U	5.5	0.41
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.72	U	11	0.72
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.59	U	11	0.59
98-06-6	tert-Butylbenzene	0.73	U	5.5	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: 146339.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 5.43(g) | Date Analyzed: 11/10/2015 15:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.58	U	5.5	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		67-125
1868-53-7	Dibromofluoromethane (Surr)	94		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U F2	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U F2	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U F1	23	1.4
67-64-1	Acetone	13	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.92	U	5.8	0.92
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U F2	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.41	J	5.8	0.41
104-51-8	n-Butylbenzene	0.68	U F2	5.8	0.68
103-65-1	N-Propylbenzene	0.70	U	5.8	0.70
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U F2	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U F1	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.63	U	12	0.63
98-06-6	tert-Butylbenzene	0.78	U	5.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: 146340.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 5.09(g) | Date Analyzed: 11/10/2015 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.93	U	5.8	0.93
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	3.8	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.86	U	5.8	0.86
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.45	J	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.93	U	5.8	0.93
108-88-3	Toluene	0.31	U	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: 146343.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.18(g) | Date Analyzed: 11/10/2015 17:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	4.1	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: 146344.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:12

Sample wt/vol: 5.31(g) | Date Analyzed: 11/10/2015 17:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.48	U	5.8	0.48
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.3	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.78	U	23	0.78
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	6.6	U	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.48	U	5.8	0.48
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.41	U	5.8	0.41
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.48	U	5.8	0.48
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.33	U	5.8	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.48	U	12	0.48
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.0	U	5.8	1.0
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.33	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.8	0.33
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.33	U	5.8	0.33
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: 146345.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 5.29(g) | Date Analyzed: 11/10/2015 17:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		67-125
1868-53-7	Dibromofluoromethane (Surr)	93		37-132
460-00-4	4-Bromofluorobenzene (Surr)	85		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.58	U	5.8	0.58
71-55-6	1,1,1-Trichloroethane	0.75	U	5.8	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.36	U	5.8	0.36
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.49	U	5.8	0.49
75-34-3	1,1-Dichloroethane	0.39	U	5.8	0.39
75-35-4	1,1-Dichloroethene	0.92	U	5.8	0.92
563-58-6	1,1-Dichloropropene	0.43	U	5.8	0.43
87-61-6	1,2,3-Trichlorobenzene	0.58	U	5.8	0.58
96-18-4	1,2,3-Trichloropropane	0.90	U	5.8	0.90
526-73-8	1,2,3-Trimethylbenzene	0.53	U	5.8	0.53
120-82-1	1,2,4-Trichlorobenzene	0.44	U	5.8	0.44
95-63-6	1,2,4-Trimethylbenzene	0.67	U	5.8	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	3.1	U	12	3.1
95-50-1	1,2-Dichlorobenzene	0.39	U	5.8	0.39
107-06-2	1,2-Dichloroethane	0.53	U	5.8	0.53
78-87-5	1,2-Dichloropropane	0.16	U	5.8	0.16
541-73-1	1,3-Dichlorobenzene	0.80	U	5.8	0.80
142-28-9	1,3-Dichloropropane	0.46	U	5.8	0.46
106-46-7	1,4-Dichlorobenzene	0.32	U	5.8	0.32
594-20-7	2,2-Dichloropropane	0.51	U	5.8	0.51
78-93-3	2-Butanone (MEK)	4.4	J B	23	1.3
110-75-8	2-Chloroethyl vinyl ether	0.74	U	58	0.74
95-49-8	2-Chlorotoluene	0.35	U	5.8	0.35
591-78-6	2-Hexanone	0.79	U	23	0.79
106-43-4	4-Chlorotoluene	0.30	U	5.8	0.30
99-87-6	p-Isopropyltoluene	0.47	U	5.8	0.47
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	23	1.4
67-64-1	Acetone	12	J	23	6.6
71-43-2	Benzene	1.0	U	5.8	1.0
108-86-1	Bromobenzene	0.38	U	5.8	0.38
75-25-2	Bromoform	0.28	U	5.8	0.28
74-83-9	Bromomethane	0.49	U	5.8	0.49
75-15-0	Carbon disulfide	0.68	U	5.8	0.68
56-23-5	Carbon tetrachloride	0.75	U	5.8	0.75
108-90-7	Chlorobenzene	0.61	U	5.8	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	5.8	0.43
75-00-3	Chloroethane	0.51	U	5.8	0.51
67-66-3	Chloroform	0.42	U	5.8	0.42
74-87-3	Chloromethane	0.91	U	5.8	0.91
156-59-2	cis-1,2-Dichloroethene	0.32	U	5.8	0.32
10061-01-5	cis-1,3-Dichloropropene	0.82	U	5.8	0.82
74-95-3	Dibromomethane	0.49	U	5.8	0.49
74-97-5	Bromochloromethane	0.38	U	5.8	0.38
75-71-8	Dichlorodifluoromethane	0.32	U	5.8	0.32
75-27-4	Bromodichloromethane	0.34	U	5.8	0.34
75-65-0	tert-Butyl alcohol (TBA)	6.6	U	230	6.6
100-41-4	Ethylbenzene	0.37	U	5.8	0.37
87-68-3	Hexachlorobutadiene	0.46	U	5.8	0.46
108-20-3	Diisopropyl ether	0.68	U	12	0.68
98-82-8	Isopropylbenzene	0.23	U	5.8	0.23
1634-04-4	Methyl tert-butyl ether	0.50	U	5.8	0.50
75-09-2	Methylene Chloride	0.85	U	5.8	0.85
179601-23-1	m-Xylene & p-Xylene	0.49	U	12	0.49
91-20-3	Naphthalene	0.40	U	5.8	0.40
104-51-8	n-Butylbenzene	0.68	U	5.8	0.68
103-65-1	N-Propylbenzene	0.69	U	5.8	0.69
95-47-6	o-Xylene	0.66	U	5.8	0.66
135-98-8	sec-Butylbenzene	1.1	U	5.8	1.1
100-42-5	Styrene	0.46	U	5.8	0.46
994-05-8	Tert-amyl methyl ether	0.50	U	5.8	0.50
637-92-3	Ethyl t-butyl ether	0.47	U	5.8	0.47
127-18-4	Tetrachloroethene	0.92	U	5.8	0.92
108-88-3	Toluene	0.36	J	5.8	0.31
156-60-5	trans-1,2-Dichloroethene	0.37	U	5.8	0.37
10061-02-6	trans-1,3-Dichloropropene	0.34	U	5.8	0.34
79-01-6	Trichloroethene	0.44	U	5.8	0.44
75-69-4	Trichlorofluoromethane	0.34	U	5.8	0.34
108-05-4	Vinyl acetate	0.76	U	12	0.76
75-01-4	Vinyl chloride	0.35	U	5.8	0.35
1330-20-7	Xylenes, Total	0.62	U	12	0.62
98-06-6	tert-Butylbenzene	0.77	U	5.8	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: 146346.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.35(g) | Date Analyzed: 11/10/2015 18:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.61	U	5.8	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.56	U	5.6	0.56
71-55-6	1,1,1-Trichloroethane	0.73	U	5.6	0.73
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.6	0.35
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.47	U	5.6	0.47
75-34-3	1,1-Dichloroethane	0.38	U	5.6	0.38
75-35-4	1,1-Dichloroethene	0.90	U	5.6	0.90
563-58-6	1,1-Dichloropropene	0.42	U	5.6	0.42
87-61-6	1,2,3-Trichlorobenzene	0.56	U	5.6	0.56
96-18-4	1,2,3-Trichloropropane	0.88	U	5.6	0.88
526-73-8	1,2,3-Trimethylbenzene	0.52	U	5.6	0.52
120-82-1	1,2,4-Trichlorobenzene	0.43	U	5.6	0.43
95-63-6	1,2,4-Trimethylbenzene	0.65	U	5.6	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.6	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.6	0.52
78-87-5	1,2-Dichloropropane	0.16	U	5.6	0.16
541-73-1	1,3-Dichlorobenzene	0.78	U	5.6	0.78
142-28-9	1,3-Dichloropropane	0.45	U	5.6	0.45
106-46-7	1,4-Dichlorobenzene	0.31	U	5.6	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.6	0.49
78-93-3	2-Butanone (MEK)	3.5	J B	22	1.3
110-75-8	2-Chloroethyl vinyl ether	0.72	U	56	0.72
95-49-8	2-Chlorotoluene	0.34	U	5.6	0.34
591-78-6	2-Hexanone	0.76	U	22	0.76
106-43-4	4-Chlorotoluene	0.29	U	5.6	0.29
99-87-6	p-Isopropyltoluene	0.46	U	5.6	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.4	U	22	6.4
71-43-2	Benzene	1.0	U	5.6	1.0
108-86-1	Bromobenzene	0.37	U	5.6	0.37
75-25-2	Bromoform	0.27	U	5.6	0.27
74-83-9	Bromomethane	0.47	U	5.6	0.47
75-15-0	Carbon disulfide	0.66	U	5.6	0.66
56-23-5	Carbon tetrachloride	0.73	U	5.6	0.73
108-90-7	Chlorobenzene	0.60	U	5.6	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.42	U	5.6	0.42
75-00-3	Chloroethane	0.49	U	5.6	0.49
67-66-3	Chloroform	0.40	U	5.6	0.40
74-87-3	Chloromethane	0.89	U	5.6	0.89
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.6	0.31
10061-01-5	cis-1,3-Dichloropropene	0.80	U	5.6	0.80
74-95-3	Dibromomethane	0.47	U	5.6	0.47
74-97-5	Bromochloromethane	0.37	U	5.6	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.6	0.31
75-27-4	Bromodichloromethane	0.33	U	5.6	0.33
75-65-0	tert-Butyl alcohol (TBA)	6.4	U	220	6.4
100-41-4	Ethylbenzene	0.36	U	5.6	0.36
87-68-3	Hexachlorobutadiene	0.45	U	5.6	0.45
108-20-3	Diisopropyl ether	0.66	U	11	0.66
98-82-8	Isopropylbenzene	0.22	U	5.6	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.6	0.48
75-09-2	Methylene Chloride	0.83	U	5.6	0.83
179601-23-1	m-Xylene & p-Xylene	0.47	U	11	0.47
91-20-3	Naphthalene	0.39	U	5.6	0.39
104-51-8	n-Butylbenzene	0.66	U	5.6	0.66
103-65-1	N-Propylbenzene	0.67	U	5.6	0.67
95-47-6	o-Xylene	0.64	U	5.6	0.64
135-98-8	sec-Butylbenzene	1.0	U	5.6	1.0
100-42-5	Styrene	0.45	U	5.6	0.45
994-05-8	Tert-amyl methyl ether	0.48	U	5.6	0.48
637-92-3	Ethyl t-butyl ether	0.46	U	5.6	0.46
127-18-4	Tetrachloroethene	0.90	U	5.6	0.90
108-88-3	Toluene	0.30	U	5.6	0.30
156-60-5	trans-1,2-Dichloroethene	0.36	U	5.6	0.36
10061-02-6	trans-1,3-Dichloropropene	0.33	U	5.6	0.33
79-01-6	Trichloroethene	0.43	U	5.6	0.43
75-69-4	Trichlorofluoromethane	0.33	U	5.6	0.33
108-05-4	Vinyl acetate	0.74	U	11	0.74
75-01-4	Vinyl chloride	0.34	U	5.6	0.34
1330-20-7	Xylenes, Total	0.61	U	11	0.61
98-06-6	tert-Butylbenzene	0.75	U	5.6	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: 146347.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.14(g) | Date Analyzed: 11/10/2015 18:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.60	U	5.6	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	83		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.60	U	6.0	0.60
71-55-6	1,1,1-Trichloroethane	0.77	U	6.0	0.77
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	6.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	6.0	0.50
75-34-3	1,1-Dichloroethane	0.40	U	6.0	0.40
75-35-4	1,1-Dichloroethene	0.95	U	6.0	0.95
563-58-6	1,1-Dichloropropene	0.44	U	6.0	0.44
87-61-6	1,2,3-Trichlorobenzene	0.60	U	6.0	0.60
96-18-4	1,2,3-Trichloropropane	0.93	U	6.0	0.93
526-73-8	1,2,3-Trimethylbenzene	0.55	U	6.0	0.55
120-82-1	1,2,4-Trichlorobenzene	0.45	U	6.0	0.45
95-63-6	1,2,4-Trimethylbenzene	0.69	U	6.0	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	3.2	U	12	3.2
95-50-1	1,2-Dichlorobenzene	0.40	U	6.0	0.40
107-06-2	1,2-Dichloroethane	0.55	U	6.0	0.55
78-87-5	1,2-Dichloropropane	0.17	U	6.0	0.17
541-73-1	1,3-Dichlorobenzene	0.82	U	6.0	0.82
142-28-9	1,3-Dichloropropane	0.48	U	6.0	0.48
106-46-7	1,4-Dichlorobenzene	0.33	U	6.0	0.33
594-20-7	2,2-Dichloropropane	0.52	U	6.0	0.52
78-93-3	2-Butanone (MEK)	3.9	J B	24	1.3
110-75-8	2-Chloroethyl vinyl ether	0.76	U	60	0.76
95-49-8	2-Chlorotoluene	0.36	U	6.0	0.36
591-78-6	2-Hexanone	0.81	U	24	0.81
106-43-4	4-Chlorotoluene	0.31	U	6.0	0.31
99-87-6	p-Isopropyltoluene	0.49	U	6.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	24	1.5
67-64-1	Acetone	6.8	U	24	6.8
71-43-2	Benzene	1.1	U	6.0	1.1
108-86-1	Bromobenzene	0.39	U	6.0	0.39
75-25-2	Bromoform	0.29	U	6.0	0.29
74-83-9	Bromomethane	0.50	U	6.0	0.50
75-15-0	Carbon disulfide	0.70	U	6.0	0.70
56-23-5	Carbon tetrachloride	0.77	U	6.0	0.77
108-90-7	Chlorobenzene	0.63	U	6.0	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.44	U	6.0	0.44
75-00-3	Chloroethane	0.52	U	6.0	0.52
67-66-3	Chloroform	0.43	U	6.0	0.43
74-87-3	Chloromethane	0.94	U	6.0	0.94
156-59-2	cis-1,2-Dichloroethene	0.33	U	6.0	0.33
10061-01-5	cis-1,3-Dichloropropene	0.85	U	6.0	0.85
74-95-3	Dibromomethane	0.50	U	6.0	0.50
74-97-5	Bromochloromethane	0.39	U	6.0	0.39
75-71-8	Dichlorodifluoromethane	0.33	U	6.0	0.33
75-27-4	Bromodichloromethane	0.35	U	6.0	0.35
75-65-0	tert-Butyl alcohol (TBA)	6.8	U	240	6.8
100-41-4	Ethylbenzene	0.38	U	6.0	0.38
87-68-3	Hexachlorobutadiene	0.48	U	6.0	0.48
108-20-3	Diisopropyl ether	0.70	U	12	0.70
98-82-8	Isopropylbenzene	0.24	U	6.0	0.24
1634-04-4	Methyl tert-butyl ether	0.51	U	6.0	0.51
75-09-2	Methylene Chloride	0.88	U	6.0	0.88
179601-23-1	m-Xylene & p-Xylene	0.50	U	12	0.50
91-20-3	Naphthalene	0.42	U	6.0	0.42
104-51-8	n-Butylbenzene	0.70	U	6.0	0.70
103-65-1	N-Propylbenzene	0.71	U	6.0	0.71
95-47-6	o-Xylene	0.68	U	6.0	0.68
135-98-8	sec-Butylbenzene	1.1	U	6.0	1.1
100-42-5	Styrene	0.48	U	6.0	0.48
994-05-8	Tert-amyl methyl ether	0.51	U	6.0	0.51
637-92-3	Ethyl t-butyl ether	0.49	U	6.0	0.49
127-18-4	Tetrachloroethene	0.95	U	6.0	0.95
108-88-3	Toluene	0.32	U	6.0	0.32
156-60-5	trans-1,2-Dichloroethene	0.38	U	6.0	0.38
10061-02-6	trans-1,3-Dichloropropene	0.35	U	6.0	0.35
79-01-6	Trichloroethene	0.45	U	6.0	0.45
75-69-4	Trichlorofluoromethane	0.35	U	6.0	0.35
108-05-4	Vinyl acetate	0.79	U	12	0.79
75-01-4	Vinyl chloride	0.36	U	6.0	0.36
1330-20-7	Xylenes, Total	0.64	U	12	0.64
98-06-6	tert-Butylbenzene	0.80	U	6.0	0.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: 146348.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/10/2015 19:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.63	U	6.0	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		67-125
1868-53-7	Dibromofluoromethane (Surr)	87		37-132
460-00-4	4-Bromofluorobenzene (Surr)	81		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.55	U	5.5	0.55
71-55-6	1,1,1-Trichloroethane	0.72	U	5.5	0.72
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.46	U	5.5	0.46
75-34-3	1,1-Dichloroethane	0.38	U	5.5	0.38
75-35-4	1,1-Dichloroethene	0.89	U	5.5	0.89
563-58-6	1,1-Dichloropropene	0.41	U	5.5	0.41
87-61-6	1,2,3-Trichlorobenzene	0.55	U	5.5	0.55
96-18-4	1,2,3-Trichloropropane	0.86	U	5.5	0.86
526-73-8	1,2,3-Trimethylbenzene	0.51	U	5.5	0.51
120-82-1	1,2,4-Trichlorobenzene	0.42	U	5.5	0.42
95-63-6	1,2,4-Trimethylbenzene	0.64	U	5.5	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	3.0	U	11	3.0
95-50-1	1,2-Dichlorobenzene	0.38	U	5.5	0.38
107-06-2	1,2-Dichloroethane	0.51	U	5.5	0.51
78-87-5	1,2-Dichloropropane	0.15	U	5.5	0.15
541-73-1	1,3-Dichlorobenzene	0.76	U	5.5	0.76
142-28-9	1,3-Dichloropropane	0.44	U	5.5	0.44
106-46-7	1,4-Dichlorobenzene	0.31	U	5.5	0.31
594-20-7	2,2-Dichloropropane	0.49	U	5.5	0.49
78-93-3	2-Butanone (MEK)	3.7	J B	22	1.2
110-75-8	2-Chloroethyl vinyl ether	0.71	U	55	0.71
95-49-8	2-Chlorotoluene	0.33	U	5.5	0.33
591-78-6	2-Hexanone	0.75	U	22	0.75
106-43-4	4-Chlorotoluene	0.29	U	5.5	0.29
99-87-6	p-Isopropyltoluene	0.45	U	5.5	0.45
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	22	1.4
67-64-1	Acetone	6.3	U	22	6.3
71-43-2	Benzene	1.0	U	5.5	1.0
108-86-1	Bromobenzene	0.37	U	5.5	0.37
75-25-2	Bromoform	0.27	U	5.5	0.27
74-83-9	Bromomethane	0.46	U	5.5	0.46
75-15-0	Carbon disulfide	0.65	U	5.5	0.65
56-23-5	Carbon tetrachloride	0.72	U	5.5	0.72
108-90-7	Chlorobenzene	0.59	U	5.5	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.41	U	5.5	0.41
75-00-3	Chloroethane	0.49	U	5.5	0.49
67-66-3	Chloroform	0.40	U	5.5	0.40
74-87-3	Chloromethane	0.87	U	5.5	0.87
156-59-2	cis-1,2-Dichloroethene	0.31	U	5.5	0.31
10061-01-5	cis-1,3-Dichloropropene	0.79	U	5.5	0.79
74-95-3	Dibromomethane	0.46	U	5.5	0.46
74-97-5	Bromochloromethane	0.37	U	5.5	0.37
75-71-8	Dichlorodifluoromethane	0.31	U	5.5	0.31
75-27-4	Bromodichloromethane	0.32	U	5.5	0.32
75-65-0	tert-Butyl alcohol (TBA)	6.3	U	220	6.3
100-41-4	Ethylbenzene	0.35	U	5.5	0.35
87-68-3	Hexachlorobutadiene	0.44	U	5.5	0.44
108-20-3	Diisopropyl ether	0.65	U	11	0.65
98-82-8	Isopropylbenzene	0.22	U	5.5	0.22
1634-04-4	Methyl tert-butyl ether	0.48	U	5.5	0.48
75-09-2	Methylene Chloride	0.82	U	5.5	0.82
179601-23-1	m-Xylene & p-Xylene	0.46	U	11	0.46
91-20-3	Naphthalene	0.39	U	5.5	0.39
104-51-8	n-Butylbenzene	0.65	U	5.5	0.65
103-65-1	N-Propylbenzene	0.66	U	5.5	0.66
95-47-6	o-Xylene	0.63	U	5.5	0.63
135-98-8	sec-Butylbenzene	1.0	U	5.5	1.0
100-42-5	Styrene	0.44	U	5.5	0.44
994-05-8	Tert-amyl methyl ether	0.48	U	5.5	0.48
637-92-3	Ethyl t-butyl ether	0.45	U	5.5	0.45
127-18-4	Tetrachloroethene	0.89	U	5.5	0.89
108-88-3	Toluene	0.30	J	5.5	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	5.5	0.35
10061-02-6	trans-1,3-Dichloropropene	0.32	U	5.5	0.32
79-01-6	Trichloroethene	0.42	U	5.5	0.42
75-69-4	Trichlorofluoromethane	0.32	U	5.5	0.32
108-05-4	Vinyl acetate	0.73	U	11	0.73
75-01-4	Vinyl chloride	0.33	U	5.5	0.33
1330-20-7	Xylenes, Total	0.60	U	11	0.60
98-06-6	tert-Butylbenzene	0.74	U	5.5	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: 146349.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.37(g) | Date Analyzed: 11/10/2015 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.59	U	5.5	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	87		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.52	U	5.2	0.52
71-55-6	1,1,1-Trichloroethane	0.67	U	5.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	5.2	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.43	U	5.2	0.43
75-34-3	1,1-Dichloroethane	0.35	U	5.2	0.35
75-35-4	1,1-Dichloroethene	0.83	U	5.2	0.83
563-58-6	1,1-Dichloropropene	0.38	U	5.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.52	U	5.2	0.52
96-18-4	1,2,3-Trichloropropane	0.81	U	5.2	0.81
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.2	0.48
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.2	0.39
95-63-6	1,2,4-Trimethylbenzene	0.60	U	5.2	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	2.8	U	10	2.8
95-50-1	1,2-Dichlorobenzene	0.35	U	5.2	0.35
107-06-2	1,2-Dichloroethane	0.48	U	5.2	0.48
78-87-5	1,2-Dichloropropane	0.14	U	5.2	0.14
541-73-1	1,3-Dichlorobenzene	0.71	U	5.2	0.71
142-28-9	1,3-Dichloropropane	0.41	U	5.2	0.41
106-46-7	1,4-Dichlorobenzene	0.29	U	5.2	0.29
594-20-7	2,2-Dichloropropane	0.45	U	5.2	0.45
78-93-3	2-Butanone (MEK)	3.1	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.66	U	52	0.66
95-49-8	2-Chlorotoluene	0.31	U	5.2	0.31
591-78-6	2-Hexanone	0.70	U	21	0.70
106-43-4	4-Chlorotoluene	0.27	U	5.2	0.27
99-87-6	p-Isopropyltoluene	0.42	U	5.2	0.42
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	5.9	U	21	5.9
71-43-2	Benzene	0.93	U	5.2	0.93
108-86-1	Bromobenzene	0.34	U	5.2	0.34
75-25-2	Bromoform	0.25	U	5.2	0.25
74-83-9	Bromomethane	0.43	U	5.2	0.43
75-15-0	Carbon disulfide	0.61	U	5.2	0.61
56-23-5	Carbon tetrachloride	0.67	U	5.2	0.67
108-90-7	Chlorobenzene	0.55	U	5.2	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.38	U	5.2	0.38
75-00-3	Chloroethane	0.45	U	5.2	0.45
67-66-3	Chloroform	0.37	U	5.2	0.37
74-87-3	Chloromethane	0.82	U	5.2	0.82
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.2	0.29
10061-01-5	cis-1,3-Dichloropropene	0.73	U	5.2	0.73
74-95-3	Dibromomethane	0.43	U	5.2	0.43
74-97-5	Bromochloromethane	0.34	U	5.2	0.34
75-71-8	Dichlorodifluoromethane	0.29	U	5.2	0.29
75-27-4	Bromodichloromethane	0.30	U	5.2	0.30
75-65-0	tert-Butyl alcohol (TBA)	5.9	U	210	5.9
100-41-4	Ethylbenzene	0.33	U	5.2	0.33
87-68-3	Hexachlorobutadiene	0.41	U	5.2	0.41
108-20-3	Diisopropyl ether	0.61	U	10	0.61
98-82-8	Isopropylbenzene	0.21	U	5.2	0.21
1634-04-4	Methyl tert-butyl ether	0.44	U	5.2	0.44
75-09-2	Methylene Chloride	0.76	U	5.2	0.76
179601-23-1	m-Xylene & p-Xylene	0.43	U	10	0.43
91-20-3	Naphthalene	0.36	U	5.2	0.36
104-51-8	n-Butylbenzene	0.61	U	5.2	0.61
103-65-1	N-Propylbenzene	0.62	U	5.2	0.62
95-47-6	o-Xylene	0.59	U	5.2	0.59
135-98-8	sec-Butylbenzene	0.94	U	5.2	0.94
100-42-5	Styrene	0.41	U	5.2	0.41
994-05-8	Tert-amyl methyl ether	0.44	U	5.2	0.44
637-92-3	Ethyl t-butyl ether	0.42	U	5.2	0.42
127-18-4	Tetrachloroethene	0.83	U	5.2	0.83
108-88-3	Toluene	0.28	U	5.2	0.28
156-60-5	trans-1,2-Dichloroethene	0.33	U	5.2	0.33
10061-02-6	trans-1,3-Dichloropropene	0.30	U	5.2	0.30
79-01-6	Trichloroethene	0.39	U	5.2	0.39
75-69-4	Trichlorofluoromethane	0.30	U	5.2	0.30
108-05-4	Vinyl acetate	0.68	U	10	0.68
75-01-4	Vinyl chloride	0.31	U	5.2	0.31
1330-20-7	Xylenes, Total	0.56	U	10	0.56
98-06-6	tert-Butylbenzene	0.69	U	5.2	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: 146350.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 5.67(g) | Date Analyzed: 11/10/2015 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.55	U	5.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	105		67-125
1868-53-7	Dibromofluoromethane (Surr)	98		37-132
460-00-4	4-Bromofluorobenzene (Surr)	90		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.30	U	5.3	0.30
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	4.0	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.30	U	5.3	0.30
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.30	U	5.3	0.30
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.29	J	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: 146351.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.55(g) | Date Analyzed: 11/10/2015 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	87		67-125
1868-53-7	Dibromofluoromethane (Surr)	89		37-132
460-00-4	4-Bromofluorobenzene (Surr)	78		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.53	U	5.3	0.53
71-55-6	1,1,1-Trichloroethane	0.68	U	5.3	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.3	0.33
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.44	U	5.3	0.44
75-34-3	1,1-Dichloroethane	0.36	U	5.3	0.36
75-35-4	1,1-Dichloroethene	0.84	U	5.3	0.84
563-58-6	1,1-Dichloropropene	0.39	U	5.3	0.39
87-61-6	1,2,3-Trichlorobenzene	0.53	U	5.3	0.53
96-18-4	1,2,3-Trichloropropane	0.82	U	5.3	0.82
526-73-8	1,2,3-Trimethylbenzene	0.48	U	5.3	0.48
120-82-1	1,2,4-Trichlorobenzene	0.40	U	5.3	0.40
95-63-6	1,2,4-Trimethylbenzene	0.61	U	5.3	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	11	2.9
95-50-1	1,2-Dichlorobenzene	0.36	U	5.3	0.36
107-06-2	1,2-Dichloroethane	0.48	U	5.3	0.48
78-87-5	1,2-Dichloropropane	0.15	U	5.3	0.15
541-73-1	1,3-Dichlorobenzene	0.73	U	5.3	0.73
142-28-9	1,3-Dichloropropane	0.42	U	5.3	0.42
106-46-7	1,4-Dichlorobenzene	0.29	U	5.3	0.29
594-20-7	2,2-Dichloropropane	0.46	U	5.3	0.46
78-93-3	2-Butanone (MEK)	3.6	J B	21	1.2
110-75-8	2-Chloroethyl vinyl ether	0.67	U	53	0.67
95-49-8	2-Chlorotoluene	0.32	U	5.3	0.32
591-78-6	2-Hexanone	0.72	U	21	0.72
106-43-4	4-Chlorotoluene	0.27	U	5.3	0.27
99-87-6	p-Isopropyltoluene	0.43	U	5.3	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	21	1.3
67-64-1	Acetone	6.0	U	21	6.0
71-43-2	Benzene	0.95	U	5.3	0.95
108-86-1	Bromobenzene	0.35	U	5.3	0.35
75-25-2	Bromoform	0.25	U	5.3	0.25
74-83-9	Bromomethane	0.44	U	5.3	0.44
75-15-0	Carbon disulfide	0.62	U	5.3	0.62
56-23-5	Carbon tetrachloride	0.68	U	5.3	0.68
108-90-7	Chlorobenzene	0.56	U	5.3	0.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.39	U	5.3	0.39
75-00-3	Chloroethane	0.46	U	5.3	0.46
67-66-3	Chloroform	0.38	U	5.3	0.38
74-87-3	Chloromethane	0.83	U	5.3	0.83
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.3	0.29
10061-01-5	cis-1,3-Dichloropropene	0.75	U	5.3	0.75
74-95-3	Dibromomethane	0.44	U	5.3	0.44
74-97-5	Bromochloromethane	0.35	U	5.3	0.35
75-71-8	Dichlorodifluoromethane	0.29	U	5.3	0.29
75-27-4	Bromodichloromethane	0.31	U	5.3	0.31
75-65-0	tert-Butyl alcohol (TBA)	6.0	U	210	6.0
100-41-4	Ethylbenzene	0.34	U	5.3	0.34
87-68-3	Hexachlorobutadiene	0.42	U	5.3	0.42
108-20-3	Diisopropyl ether	0.62	U	11	0.62
98-82-8	Isopropylbenzene	0.21	U	5.3	0.21
1634-04-4	Methyl tert-butyl ether	0.45	U	5.3	0.45
75-09-2	Methylene Chloride	0.78	U	5.3	0.78
179601-23-1	m-Xylene & p-Xylene	0.44	U	11	0.44
91-20-3	Naphthalene	0.37	U	5.3	0.37
104-51-8	n-Butylbenzene	0.62	U	5.3	0.62
103-65-1	N-Propylbenzene	0.63	U	5.3	0.63
95-47-6	o-Xylene	0.60	U	5.3	0.60
135-98-8	sec-Butylbenzene	0.96	U	5.3	0.96
100-42-5	Styrene	0.42	U	5.3	0.42
994-05-8	Tert-amyl methyl ether	0.45	U	5.3	0.45
637-92-3	Ethyl t-butyl ether	0.43	U	5.3	0.43
127-18-4	Tetrachloroethene	0.84	U	5.3	0.84
108-88-3	Toluene	0.28	U	5.3	0.28
156-60-5	trans-1,2-Dichloroethene	0.34	U	5.3	0.34
10061-02-6	trans-1,3-Dichloropropene	0.31	U	5.3	0.31
79-01-6	Trichloroethene	0.40	U	5.3	0.40
75-69-4	Trichlorofluoromethane	0.31	U	5.3	0.31
108-05-4	Vinyl acetate	0.70	U	11	0.70
75-01-4	Vinyl chloride	0.32	U	5.3	0.32
1330-20-7	Xylenes, Total	0.57	U	11	0.57
98-06-6	tert-Butylbenzene	0.71	U	5.3	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: 146365.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.55(g) | Date Analyzed: 11/11/2015 13:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.56	U	5.3	0.56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	89		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.53	U	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: TB-110515 | Lab Sample ID: 240-57597-16

Matrix: Water | Lab File ID: UXC4397.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	85		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		79-120
460-00-4	4-Bromofluorobenzene (Surr)	90		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: P4000012.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.54(g) | Date Analyzed: 11/11/2015 13:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		13-134
2051-24-3	DCB Decachlorobiphenyl	87		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: P4000013.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:02

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.07(g) | Date Analyzed: 11/11/2015 13:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	23	U	39	23
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.4	U	39	9.4
11097-69-1	Aroclor-1254	16	U	39	16
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		13-134
2051-24-3	DCB Decachlorobiphenyl	100		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: P4000014.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:04

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.14(g) | Date Analyzed: 11/11/2015 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	40	15
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.7	U	40	9.7
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: P4000015.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:06

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.54(g) | Date Analyzed: 11/11/2015 14:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	104		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: P4000016.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:08

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.48(g) | Date Analyzed: 11/11/2015 14:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		13-134
2051-24-3	DCB Decachlorobiphenyl	91		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: P4000017.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:10

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.87(g) | Date Analyzed: 11/11/2015 14:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	40	14
11104-28-2	Aroclor-1221	19	U	40	19
11141-16-5	Aroclor-1232	24	U	40	24
53469-21-9	Aroclor-1242	13	U	40	13
12672-29-6	Aroclor-1248	9.6	U	40	9.6
11097-69-1	Aroclor-1254	17	U	40	17
11096-82-5	Aroclor-1260	11	U	40	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		13-134
2051-24-3	DCB Decachlorobiphenyl	109		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: P4000018.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:12

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.04(g) | Date Analyzed: 11/11/2015 15:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		13-134
2051-24-3	DCB Decachlorobiphenyl	98		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: P4000019.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:14

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.74(g) | Date Analyzed: 11/11/2015 15:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.8	U	41	9.8
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		13-134
2051-24-3	DCB Decachlorobiphenyl	90		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: P4000020.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:16

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.07(g) | Date Analyzed: 11/11/2015 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	15	U	41	15
11104-28-2	Aroclor-1221	20	U	41	20
11141-16-5	Aroclor-1232	25	U	41	25
53469-21-9	Aroclor-1242	14	U	41	14
12672-29-6	Aroclor-1248	9.9	U	41	9.9
11097-69-1	Aroclor-1254	17	U	41	17
11096-82-5	Aroclor-1260	11	U	41	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: P4000021.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:18

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 29.97(g) | Date Analyzed: 11/11/2015 15:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: P4000022.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:20

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.28(g) | Date Analyzed: 11/11/2015 16:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.5	U	39	9.5
11097-69-1	Aroclor-1254	17	U	39	17
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		13-134
2051-24-3	DCB Decachlorobiphenyl	95		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: P4000023.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:22

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.29(g) | Date Analyzed: 11/11/2015 16:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	39	14
11104-28-2	Aroclor-1221	19	U	39	19
11141-16-5	Aroclor-1232	24	U	39	24
53469-21-9	Aroclor-1242	13	U	39	13
12672-29-6	Aroclor-1248	9.4	U	39	9.4
11097-69-1	Aroclor-1254	16	U	39	16
11096-82-5	Aroclor-1260	11	U	39	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		13-134
2051-24-3	DCB Decachlorobiphenyl	92		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: P4000024.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:24

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.41(g) | Date Analyzed: 11/11/2015 16:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		13-134
2051-24-3	DCB Decachlorobiphenyl	94		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: P4000025.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:26

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.19(g) | Date Analyzed: 11/11/2015 17:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	19	U	38	19
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.3	U	38	9.3
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: P4000029.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30.34(g) | Date Analyzed: 11/11/2015 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	14	U	38	14
11104-28-2	Aroclor-1221	18	U	38	18
11141-16-5	Aroclor-1232	23	U	38	23
53469-21-9	Aroclor-1242	13	U	38	13
12672-29-6	Aroclor-1248	9.2	U	38	9.2
11097-69-1	Aroclor-1254	16	U	38	16
11096-82-5	Aroclor-1260	10	U	38	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: A0111109.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:00

Sample wt/vol: 4.98(g) | Date Analyzed: 11/11/2015 11:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: A0111110.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:02

Sample wt/vol: 4.98(g) | Date Analyzed: 11/11/2015 11:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: A0111111.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:04

Sample wt/vol: 4.99(g) | Date Analyzed: 11/11/2015 12:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 17.8 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	56	U	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	77		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: A0111112.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:06

Sample wt/vol: 4.99(g) | Date Analyzed: 11/11/2015 13:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: A0111207.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:08

Sample wt/vol: 4.98(g) | Date Analyzed: 11/12/2015 09:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 206404 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	77	J	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: A0111114.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:10

Sample wt/vol: 5.01(g) | Date Analyzed: 11/11/2015 14:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 Lab Sample ID: 240-57597-7

Matrix: Solid Lab File ID: A0111115.D

Analysis Method: 8015C Date Collected: 11/05/2015 09:12

Sample wt/vol: 4.97(g) Date Analyzed: 11/11/2015 14:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.2 Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: A0111116.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:14

Sample wt/vol: 4.98(g) | Date Analyzed: 11/11/2015 15:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	56	U	120	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: A0111119.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:16

Sample wt/vol: 5.00(g) | Date Analyzed: 11/11/2015 17:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	57	U	120	57

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: A0111120.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:18

Sample wt/vol: 5.02(g) | Date Analyzed: 11/11/2015 17:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	53	U	120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: A0111121.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:20

Sample wt/vol: 5.03(g) | Date Analyzed: 11/11/2015 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 16.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	55	U	120	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: A0111122.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:22

Sample wt/vol: 5.04(g) | Date Analyzed: 11/11/2015 19:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.9 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: A0111123.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:24

Sample wt/vol: 4.99(g) | Date Analyzed: 11/11/2015 19:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: A0111124.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 5.02(g) | Date Analyzed: 11/11/2015 20:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	80		40-139

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: A0111125.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.00(g) | Date Analyzed: 11/11/2015 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	54	U F2	120	54

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	74		40-139

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-1-14 | Lab Sample ID: 240-57597-1

Matrix: Solid | Lab File ID: P5B11014.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.49(g) | Date Analyzed: 11/10/2015 20:07

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	16	J B	19	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	62		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-2-14 | Lab Sample ID: 240-57597-2

Matrix: Solid | Lab File ID: P5B11015.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:02

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.69(g) | Date Analyzed: 11/10/2015 20:38

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	10	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	62		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-3-14 | Lab Sample ID: 240-57597-3

Matrix: Solid | Lab File ID: P5B11016.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:04

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.32(g) | Date Analyzed: 11/10/2015 21:10

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	59		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-4-14 | Lab Sample ID: 240-57597-4

Matrix: Solid | Lab File ID: P5B11017.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:06

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.31(g) | Date Analyzed: 11/10/2015 21:41

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.6	J B	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	60		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-5-14 | Lab Sample ID: 240-57597-5

Matrix: Solid | Lab File ID: P5B11019.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:08

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.01(g) | Date Analyzed: 11/10/2015 22:43

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.5	U	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	56		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-6-14 | Lab Sample ID: 240-57597-6

Matrix: Solid | Lab File ID: P5B11020.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:10

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.79(g) | Date Analyzed: 11/10/2015 23:14

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	60		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-7-14 | Lab Sample ID: 240-57597-7

Matrix: Solid | Lab File ID: P5B11021.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:12

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.99(g) | Date Analyzed: 11/10/2015 23:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	16	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-8-14 | Lab Sample ID: 240-57597-8

Matrix: Solid | Lab File ID: P5B11022.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:14

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.45(g) | Date Analyzed: 11/11/2015 00:17

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.7	U	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-9-14 | Lab Sample ID: 240-57597-9

Matrix: Solid | Lab File ID: P5B11023.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:16

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.38(g) | Date Analyzed: 11/11/2015 00:48

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.8	U	20	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	57		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-10-14 | Lab Sample ID: 240-57597-10

Matrix: Solid | Lab File ID: P5B11024.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:18

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.04(g) | Date Analyzed: 11/11/2015 01:19

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	13	J B	19	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-11-14 | Lab Sample ID: 240-57597-11

Matrix: Solid | Lab File ID: P5B11025.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:20

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.60(g) | Date Analyzed: 11/11/2015 01:50

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 16.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	9.0	J B	20	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-12-14 | Lab Sample ID: 240-57597-12

Matrix: Solid | Lab File ID: P5B11109.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:22

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.52(g) | Date Analyzed: 11/11/2015 19:03

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	30	B	20	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	73		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-13-14 | Lab Sample ID: 240-57597-13

Matrix: Solid | Lab File ID: P5B11110.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:24

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.73(g) | Date Analyzed: 11/11/2015 19:34

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	13	J B	20	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	68		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-14-14 | Lab Sample ID: 240-57597-14

Matrix: Solid | Lab File ID: P5B11111.D

Analysis Method: 8015C | Date Collected: 11/05/2015 09:26

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30.43(g) | Date Analyzed: 11/11/2015 20:06

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	11	J B	19	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	61		40-160

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP | Lab Sample ID: 240-57597-15

Matrix: Solid | Lab File ID: P5B11112.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 29.98(g) | Date Analyzed: 11/11/2015 20:37

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206356 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	8.2	J B	20	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	65		40-160

Appendix C

Support Documentation

LMC - BLOCK F UST
SDG 240-57597-1

F-VB-UST-2-14/F-VB-UST-DUP

ANALYTE	ORIGINAL	DUPLICATE	RL	RPD	RPD > 50%	ORIGINAL SAMPLE CONC >2xRL	DUPLICATE SAMPLE CONC >2xRL	DIFFERENCE >2XRL
BIS(2-ETHYLHEXYL)PHTHALATE*	22	22	82	0.0	FALSE	FALSE	FALSE	FALSE

* Duplicate result is non-detected and reported at the MDL

LMC - BLOCK F UST
SDG 240-57597-1

SAMPLE IDENTIFICATION	F-VB-UST-6-14
COMPOUND	NAPHTHALENE
COMPOUND AREA	7290
INTERNAL STANDARD AMOUNT (ng)	250
DILUTION FACTOR	1
INTERNAL STANDARD AREA	383746
AVERAGE RRF	2.3749
% SOLIDS	0.835
WEIGHT OF SAMPLE (g)	5.18
ng to µg	1000
g to Kg	1000
CONCENTRATION =	0.46 ng/g OR µg/Kg

7290 x 250ng x 1µg x 1000g x 1/(383746 x 2.3749 x 5.18g x 0.835 x 1000ng)

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\A3UX14\20151110-49103.b\146343.D
Lims ID: 240-57597-B-6-A Lab Sample ID: 240-57597-6
Client ID: F-VB-UST-6-14
Sample Type: Client
Inject. Date: 10-Nov-2015 17:13:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-57597-b-6-a
Misc. Info.: 240-0049103-021
Operator ID: 002808 Instrument ID: A3UX14

Method: \\ChromNA\Canton\ChromData\A3UX14\20151110-49103.b\8260_14.m
Limit Group: MSV 8260DOD ICAL
Last Update: 11-Nov-2015 03:54:33 Calib Date: 02-Sep-2015 17:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\A3UX14\20150902-46929.b\144943.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK007

First Level Reviewer: latat Date: 11-Nov-2015 02:56:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	6.641	6.641	0.000	100	1361610	50.0	
* 2 Chlorobenzene-d5	117	9.362	9.362	0.000	97	837660	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.338	11.338	0.000	98	414338	50.0	
$ 4 Dibromofluoromethane (Surr	113	5.966	5.966	0.000	94	262246	44.7	
$ 5 1,2-Dichloroethane-d4 (Sur	65	6.309	6.309	0.000	95	316976	46.3	
$ 6 Toluene-d8 (Surr)	98	8.120	8.120	0.000	94	1130088	43.8	
$ 7 4-Bromofluorobenzene (Surr	95	10.368	10.368	0.000	92	383746	40.4	
9 Dichlorodifluoromethane	85		1.316				ND	
10 Chloromethane	50		1.481				ND	
11 Vinyl chloride	62		1.588				ND	
13 Bromomethane	94		1.919				ND	
15 Chloroethane	64		2.026				ND	
17 Trichlorofluoromethane	101		2.298				ND	
21 1,1-Dichloroethene	96		2.878				ND	
22 1,1,2-Trichloro-1,2,2-trif	151		2.913				ND	
24 Acetone	43		3.008				ND	
26 Carbon disulfide	76		3.126				ND	
30 Methylene Chloride	84		3.576				ND	
31 2-Methyl-2-propanol	59		3.860				ND	
32 trans-1,2-Dichloroethene	96		3.978				ND	
33 Methyl tert-butyl ether	73		4.002				ND	
36 1,1-Dichloroethane	63		4.629				ND	
38 Isopropyl ether	87		4.747				ND	
39 Vinyl acetate	86		4.759				ND	
40 Tert-butyl ethyl ether	59		5.221				ND	
41 2,2-Dichloropropane	77		5.374				ND	
42 cis-1,2-Dichloroethene	96		5.386				ND	
43 2-Butanone (MEK)	43	5.469	5.457	0.012	99	8629	3.29	
46 Chlorobromomethane	128		5.670				ND	
49 Chloroform	83		5.789				ND	
50 1,1,1-Trichloroethane	97		5.942				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
52 Carbon tetrachloride	117		6.108				ND	
53 1,1-Dichloropropene	75		6.120				ND	
54 Benzene	78		6.345				ND	
56 1,2-Dichloroethane	62		6.392				ND	
57 Tert-amyl methyl ether	73		6.475				ND	
59 Trichloroethene	130		6.996				ND	
63 1,2-Dichloropropane	63		7.220				ND	
65 Dibromomethane	93		7.339				ND	
68 Dichlorobromomethane	83		7.493				ND	
70 2-Chloroethyl vinyl ether	63		7.777				ND	
71 cis-1,3-Dichloropropene	75		7.895				ND	
73 4-Methyl-2-pentanone (MIBK	43		8.049				ND	
74 Toluene	91	8.179	8.179	0.000	97	6399	0.2363	
75 trans-1,3-Dichloropropene	75		8.392				ND	
78 Tetrachloroethene	164		8.640				ND	
79 1,3-Dichloropropane	76		8.699				ND	
80 2-Hexanone	43		8.770				ND	
82 Chlorodibromomethane	129		8.889				ND	
83 Ethylene Dibromide	107		8.983				ND	
85 Chlorobenzene	112		9.398				ND	
86 1,1,1,2-Tetrachloroethane	131		9.469				ND	
87 Ethylbenzene	106		9.480				ND	
88 m-Xylene & p-Xylene	106		9.575				ND	
89 o-Xylene	106		9.918				ND	
90 Styrene	104		9.930				ND	
91 Bromoform	173		10.108				ND	
92 Isopropylbenzene	105		10.226				ND	
94 Bromobenzene	156		10.498				ND	
95 1,1,2,2-Tetrachloroethane	83		10.498				ND	
96 1,2,3-Trichloropropane	110		10.534				ND	
98 N-Propylbenzene	120		10.569				ND	
99 2-Chlorotoluene	126		10.652				ND	
101 4-Chlorotoluene	126		10.747				ND	
103 tert-Butylbenzene	119		10.995				ND	
105 1,2,4-Trimethylbenzene	105		11.031				ND	
107 sec-Butylbenzene	105		11.173				ND	
108 1,3-Dichlorobenzene	146		11.279				ND	
109 4-Isopropyltoluene	119		11.303				ND	
110 1,4-Dichlorobenzene	146		11.362				ND	
111 1,2,3-Trimethylbenzene	105		11.397				ND	
113 n-Butylbenzene	91		11.646				ND	
114 1,2-Dichlorobenzene	146		11.670				ND	
115 1,2-Dibromo-3-Chloropropan	157		12.344				ND	
117 1,2,4-Trichlorobenzene	180	13.018	13.019	0.000	33	1666	0.2066	
118 Hexachlorobutadiene	225		13.137				ND	
119 Naphthalene	128	13.220	13.220	0.000	95	7290	0.3888	
120 1,2,3-Trichlorobenzene	180	13.409	13.409	0.000	83	1768	0.2313	
S 134 Xylenes, Total	106		16.530				ND	

LMC - BLOCK F UST AREA
SDG 240-57597-1

SAMPLE IDENTIFICATION	F-VB-UST-13-14
COMPOUND	BIS(2-ETHYLHEXYL)PHTHALATE
COMPOUND AREA	108069
INTERNAL STANDARD AMOUNT (ng)	4
DILUTION FACTOR	1
INTERNAL STANDARD AREA	785246
AVERAGE RRF	0.7086
VOLUME FINAL EXTRACT (µl)	2000
WEIGHT OF SAMPLE (g)	30.37
VOLUME INJECTED (µl)	1
ng to g	1000
g to Kg	1000
PERCENT SOLIDS	0.8530

CONCENTRATION = 60 µg/Kg

108069 x 4ng x 2000µl x 1000g x 1µg x 1/(785246 x 0.7086 x 30.37g x 0.853 x 1µl x 1Kg x 1000ng)

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\A4HP9\20151111-49136.b\51111021.D
Lims ID: 240-57597-E-13-B Lab Sample ID: 240-57597-13
Client ID: F-VB-UST-13-14
Sample Type: Client
Inject. Date: 11-Nov-2015 15:39:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 240-0049136-021
Misc. Info.: 240-57597-E-13-B
Operator ID: 001710 Instrument ID: A4HP9

Method: \\ChromNA\Canton\ChromData\A4HP9\20151111-49136.b\8270 _9.m
Limit Group: MSS 8270D ICAL
Last Update: 12-Nov-2015 09:01:43 Calib Date: 30-Oct-2015 16:42:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\A4HP9\20151030-48759.b\51030010.D

Column 1 : 5% phenyl (0.18 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: ulmanm Date: 12-Nov-2015 08:13:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.295	6.298	-0.003	97	229993	4.00	
* 2 Naphthalene-d8	136	7.416	7.418	-0.002	100	1005170	4.00	
* 3 Acenaphthene-d10	164	8.921	8.924	-0.003	92	509477	4.00	
* 4 Phenanthrene-d10	188	10.186	10.188	-0.002	97	754672	4.00	
* 5 Chrysene-d12	240	12.455	12.458	-0.003	96	785246	4.00	
* 6 Perylene-d12	264	14.177	14.184	-0.007	96	684137	4.00	
$ 7 2-Fluorophenol	112	5.059	5.043	0.016	96	565296	6.51	
$ 8 Phenol-d5	99	5.959	5.947	0.012	98	644249	5.71	
$ 9 Nitrobenzene-d5	82	6.781	6.779	0.002	87	761421	6.46	
$ 10 2-Fluorobiphenyl (Surr)	172	8.320	8.322	-0.002	99	944233	5.88	
$ 11 2,4,6-Tribromophenol	330	9.589	9.592	-0.003	81	59786	3.35	M
$ 12 Terphenyl-d14	244	11.503	11.506	-0.003	99	1112006	7.75	
41 Benzaldehyde	77		5.894				ND	
43 Phenol	94		5.961				ND	
69 Bis(2-chloroethyl)ether	93		6.033				ND	
46 2-Chlorophenol	128		6.115				ND	
51 2-Methylphenol	108		6.500				ND	
53 2,2'-oxybis[1-chloropropan	45		6.519				ND	
57 N-Nitrosodi-n-propylamine	70		6.630				ND	
21 3 & 4 Methylphenol	108		6.630				ND	
58 Acetophenone	105		6.644				ND	
61 Hexachloroethane	117		6.760				ND	
62 Nitrobenzene	77		6.798				ND	
64 Isophorone	82		7.000				ND	
66 2-Nitrophenol	139		7.077				ND	
65 2,4-Dimethylphenol	107		7.091				ND	
70 Bis(2-chloroethoxy)methane	93		7.163				ND	
73 2,4-Dichlorophenol	162		7.289				ND	
75 Naphthalene	128		7.438				ND	
76 4-Chloroaniline	127		7.462				ND	
79 Hexachlorobutadiene	225		7.539				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ng/ul	Flags
84 Caprolactam	113		7.750				ND	
86 4-Chloro-3-methylphenol	107		7.861				ND	
87 2-Methylnaphthalene	142		8.024				ND	
89 Hexachlorocyclopentadiene	237		8.164				ND	
92 2,4,6-Trichlorophenol	196		8.260				ND	
93 2,4,5-Trichlorophenol	196		8.298				ND	
98 1,1'-Biphenyl	154		8.414				ND	
100 2-Chloronaphthalene	162		8.447				ND	
102 2-Nitroaniline	65		8.510				ND	
105 Dimethyl phthalate	163		8.640				ND	
107 2,6-Dinitrotoluene	165		8.702				ND	
109 Acenaphthylene	152		8.803				ND	
110 3-Nitroaniline	138		8.856				ND	
111 2,4-Dinitrophenol	184		8.943				ND	
112 Acenaphthene	153		8.948				ND	
113 4-Nitrophenol	109		8.981				ND	
114 2,4-Dinitrotoluene	165		9.049				ND	
116 Dibenzofuran	168		9.092				ND	
121 Diethyl phthalate	149		9.226				ND	
123 4-Chlorophenyl phenyl ethe	204		9.356				ND	
125 4-Nitroaniline	138		9.376				ND	
126 Fluorene	166		9.385				ND	
128 4,6-Dinitro-2-methylphenol	198		9.404				ND	
131 N-Nitrosodiphenylamine	169		9.452				ND	
139 4-Bromophenyl phenyl ether	248		9.775				ND	
141 Hexachlorobenzene	284		9.866				ND	
142 Atrazine	200		9.876				ND	
143 Pentachlorophenol	266		10.020				ND	
148 Phenanthrene	178		10.207				ND	
149 Anthracene	178		10.251				ND	
151 Carbazole	167		10.371				ND	
154 Di-n-butyl phthalate	149	10.599	10.602	-0.003	99	51250	0.2300	
159 Fluoranthene	202		11.222				ND	
161 Pyrene	202		11.424				ND	
168 Butyl benzyl phthalate	149		11.876				ND	
173 Bis(2-ethylhexyl) phthalat	149	12.345	12.347	-0.002	95	108069	0.7769	
175 3,3'-Dichlorobenzidine	252		12.386				ND	
177 Benzo[a]anthracene	228		12.448				ND	
178 Chrysene	228		12.487				ND	
180 Di-n-octyl phthalate	149		12.982				ND	
182 Benzo[b]fluoranthene	252		13.646				ND	
183 Benzo[k]fluoranthene	252		13.679				ND	
184 Benzo[a]pyrene	252		14.103				ND	
188 Indeno[1,2,3-cd]pyrene	276		16.060				ND	
189 Dibenz(a,h)anthracene	278		16.065				ND	
190 Benzo[g,h,i]perylene	276		16.646				ND	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\AFID\20151112-49174.b\A0111207.D
Lims ID: 240-57597-C-5-B Lab Sample ID: 240-57597-5
Client ID: F-VB-UST-5-14
Sample Type: Client
Inject. Date: 12-Nov-2015 09:17:06 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: AFID

Method: \\ChromNA\Canton\ChromData\AFID\20151112-49174.b\A80218015.m
Limit Group: GCV 8015C GRO ICAL
Last Update: 12-Nov-2015 09:30:49 Calib Date: 24-Aug-2015 17:07:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\AFID\20150824-46596.b\A0082112.D

Column 1 : Det: GC FID1A
Process Host: XAWRK031

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	10.372	10.368	0.004	3169615	7.13	
A 5 C6-C10	11.532	(5.929-17.135)		26342362	65.1	

Reagents:

VGGASURROGATE_00034 Amount Added: 1.00 Units: uL Run Reagent

4.98g/5ml
% solids = 84.8%
CF = 404923.648
DF = 1

26342362/404923.648 ug/L x 0.005L/4.98g x 1/0.848 x 1000g/1Kg
= 77 ug/Kg

0.8/C0.9
2.1/C2.2

Chain of Custody Record

#46
016125

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: J. MULLIS	Date: 11/5/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412-559-8133	Lab Contact: J. MCFADDEN	Carrier: FedEx	1 of 2 COCs
Address: 20251 CENTURY BLVD STE 200	Analysis Turnaround Time			Sampler:
City/State/Zip: GERMANTOWN, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below _____			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks			Lab Sampling:
Project Name: MRC SOIL REMEDY	☒ 1 week			
Site: BLOCK F UST	☐ 2 days			Job / SDG No.:
PO# 112IC07336	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs (8260C)	SVOCs (8270D)	TPH Gro/Dro (8015B)	TCLP Metals (1311+6010)	PCBs (8082A)	~~Ignitability~~	Sample Specific Notes:
F-VB-UST-1-14	11/5/15	0900	G	SO	4			X	X	X	X	X		
F-VB-UST-2-14		0902						X	X	X	X	X		
F-VB-UST-3-14		0904						X	X	X	X	X		
F-VB-UST-4-14		0906						X	X	X	X	X		
F-VB-UST-5-14		0908						X	X	X	X	X		
F-VB-UST-6-14		0910						X	X	X	X	X		
F-VB-UST-7-14		0912						X	X	X	X	X		
F-VB-UST-8-14		0914						X	X	X	X	X		
F-VB-UST-9-14		0916						X	X	X	X	X		
F-VB-UST-10-14		0918						X	X	X	X	X		
F-VB-UST-11-14		0920						X	X	X	X	X		
F-VB-UST-12-14		0922						X	X	X	X	X		

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: MRC SOIL REMEDY: BLOCK F UST BASE CONFIRMATION SAMPLES

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	TETRA TECH	11/5/15 1530	[signature]	TestAmerica	11/5/15 1530
[signature]	TestAmerica	11/5/15 1618	[signature]	TA	11.6.15 1020
			Received in Laboratory by:		

Chain of Custody Record

#46

016124

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: SCOTT NESBIT	Site Contact: J. Mullis	Date: 11/5/15	COC No:
Company Name: TETRA TECH	Tel/Fax: 412-559-8133	Lab Contact: J. McFadden	Carrier: FedEx	2 of 2 COCs
Address: 20251 Century Blvd. Ste. 200	Analysis Turnaround Time			Sampler:
City/State/Zip: Germantown, MD, 20874	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 301-528-3000	TAT if different from Below _____			Walk-in Client:
Fax: 301-528-3000	☐ 2 weeks			Lab Sampling:
Project Name: MRC SOIL REMEDY	⊗ 1 week			
Site: BLOCK F UST CONFIRMATION	☐ 2 days			Job / SDG No.:
P O # 112E07336	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs (8260C)	SVOCs (8270D)	TPH Gro/Dro (8015B)	TCLP Metals (1311+6010)	RCRA (8015B)	Sample Specific Notes:
F-VB-UST-13-14	11/5/15	0924	G	SO	4			X	X	X	X	X	
F-VB-UST-14-14		0926						X	X	X	X	X	
F-VB-UST-DUP		—						X	X	X	X	X	# DUPLICATE
TB-110515		—		AQ	2			X					

Page 1910 of 1912

11/5/15

Preservation Used: (1)= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: SEE PAGE 1

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: TETRA TECH	Date/Time: 11/5/15 1530	Received by:	Company: TestAmerica	Date/Time: 11/5/15 1530
Relinquished by:	Company: TestAmerica	Date/Time: 11/5/15 1618	Received by:	Company: TA	Date/Time: 11-6-15 1020
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Canton Sample Receipt Form/Narrative Login # : 57507
Canton Facility

Client Tetra Tech Site Name _____ Cooler unpacked by:

Cooler Received on 11-6-15 Opened on 11-6-15

FedEx: 1st Grd ~~Exp~~ UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 53 (CF **+0.1** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C

IR GUN# 48 (CF **-0.3** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C ☑ See Multiple Cooler Form

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C~~

IR GUN# 8 (CF **-0.5** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2	~~Yes~~	No
-Were custody seals on the outside of the cooler(s) signed & dated?	~~Yes~~	No NA
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	~~No~~
3. Shippers' packing slip attached to the cooler(s)?	~~Yes~~	No
4. Did custody papers accompany the sample(s)?	~~Yes~~	No
5. Were the custody papers relinquished & signed in the appropriate place?	~~Yes~~	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	~~No~~
7. Did all bottles arrive in good condition (Unbroken)?	~~Yes~~	No
8. Could all bottle labels be reconciled with the COC?	~~Yes~~	No
9. Were correct bottle(s) used for the test(s) indicated?	~~Yes~~	No
10. Sufficient quantity received to perform indicated analyses?	~~Yes~~	No
11. Were sample(s) at the correct pH upon receipt?	Yes No	~~NA~~ pH Strip Lot# **HC554612**
12. Were VOAs on the COC?	~~Yes~~	No
13. Were air bubbles >6 mm in any VOA vials?	Yes	~~No~~ NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot #_____	~~Yes~~	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 575597

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	53	0.8	0.9	ice
2	1	2.1	2.2	1

CASE NARRATIVE

Client: Tetra Tech, Inc.

Project: MRC Soil Remedy Block F UST

Report Number: 240-57597-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 11/6/2015 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.9º C and 2.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 11/10/2015 and 11/11/2015.

2-Butanone (MEK), Naphthalene and Toluene were detected in method blank MB 240-206267/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

2-Butanone (MEK) was detected in method blank MB 240-206089/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) associated with batch 240-206051 recovered above the upper control limit for 1,1,1-Trichloroethane; 1,1,2-Trichloro-1,2,2-trifluoroethane; 2,2-Dichloropropane; Carbon tetrachloride; Dichloro-difluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 240-206267 was outside the method criteria for the following analyte(s): 2-Hexanone, Acetone, 2-Methyl-2-propanol, 2-Chloroethyl Vinyl Ether, 4-Methyl-2-Pentanone, 2,2-Dichloropropane, and 2-Butanone. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samplesF-VB-UST-DUP (240-57597-15), (CCV 240-206267/4), (CCVIS 240-206267/3), (LCS 240-206267/5), (MB 240-206267/6), (240-57597-B-15-C MS) and (240-57597-B-15-D MSD) and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TB-110515 (240-57597-16) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 11/12/2015.

2-Butanone (MEK) was detected in method blank MB 240-206461/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The continuing calibration verification (CCV) for analytical batch 206461 exceeded control criteria for Hexachlorobutadiene. The samples associated with this CCV were non-detect for the affected analyte. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compound was detected; therefore the data has been reported. No further corrective action was required. TB-110515 (240-57597-16)

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample. TB-110515 (240-57597-16)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/09/2015 and analyzed on 11/11/2015.

The analyte benzaldehyde had an Rf below method recommendations in analytical batch 206233. An LODV was analyzed to demonstrate sensitivity for this analyte at the reporting limit for the following samples:F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14), F-VB-UST-DUP (240-57597-15), (LCS 240-205866/9-A), (MB 240-205866/8-A), (240-57597-D-15-E MS) and (240-57597-D-15-F MSD).

Two analytes had Rfs below method recommendations: Benzaldehyde and Hexachlorocyclopentadiene. A LODV was analyzed to demonstrate sensitivity for these analytes at the reporting limit for the following samples: F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9) and F-VB-UST-10-14 (240-57597-10).

The continuing calibration verification (CCV) associated with analytical batch 206233 recovered above the upper control limit for N-Nitrosodi-n-propylamine. The samples associated with this CCV were non-detect for this analyte; therefore, the data have been reported. The following samples are impacted: F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14), F-VB-UST-DUP (240-57597-15), (MB 240-205866/8-A), (240-57597-D-15-E MS) and (240-57597-D-15-F MSD).

The continuing calibration verification (CCV) for analytical batch 206233 was below method recommendations for the analyte benzaldehyde (>20%D). Benzaldehyde was present in sample F-VB-UST-11-14 (240-57597-11) at an estimated amount of 19ug/kg J. Had the response of benzaldehyde been within method recommendations the amount of benzaldehyde measured in the sample would likely have still been a small estimated concentration (J flag). Therefore, no additional analysis or corrective action was initiated. The results have been flagged accordingly and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GASOLINE RANGE ORGANICS

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015C - GRO. The samples were prepared and analyzed on 11/11/2015 and 11/12/2015.

The matrix spike duplicate (MSD) precision for 206211 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DIESEL RANGE ORGANICS (DRO)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12),

F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 11/09/2015 and analyzed on 11/10/2015 and 11/11/2015.

Total Petroleum Hydrocarbons (C10-C32) was detected in method blank MB 240-205788/22-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/09/2015 and analyzed on 11/11/2015.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F-VB-UST-5-14 (240-57597-5) and F-VB-UST-13-14 (240-57597-13).Reagents 2266653, 1848564 and 2283702.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples F-VB-UST-1-14 (240-57597-1), F-VB-UST-2-14 (240-57597-2), F-VB-UST-3-14 (240-57597-3), F-VB-UST-4-14 (240-57597-4), F-VB-UST-5-14 (240-57597-5), F-VB-UST-6-14 (240-57597-6), F-VB-UST-7-14 (240-57597-7), F-VB-UST-8-14 (240-57597-8), F-VB-UST-9-14 (240-57597-9), F-VB-UST-10-14 (240-57597-10), F-VB-UST-11-14 (240-57597-11), F-VB-UST-12-14 (240-57597-12), F-VB-UST-13-14 (240-57597-13), F-VB-UST-14-14 (240-57597-14) and F-VB-UST-DUP (240-57597-15) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/09/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: MRC Soil Remedy Block F UST

TestAmerica Job ID: 240-57597-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-57597-1	F-VB-UST-1-14	Solid	11/05/15 09:00	11/06/15 10:20
240-57597-2	F-VB-UST-2-14	Solid	11/05/15 09:02	11/06/15 10:20
240-57597-3	F-VB-UST-3-14	Solid	11/05/15 09:04	11/06/15 10:20
240-57597-4	F-VB-UST-4-14	Solid	11/05/15 09:06	11/06/15 10:20
240-57597-5	F-VB-UST-5-14	Solid	11/05/15 09:08	11/06/15 10:20
240-57597-6	F-VB-UST-6-14	Solid	11/05/15 09:10	11/06/15 10:20
240-57597-7	F-VB-UST-7-14	Solid	11/05/15 09:12	11/06/15 10:20
240-57597-8	F-VB-UST-8-14	Solid	11/05/15 09:14	11/06/15 10:20
240-57597-9	F-VB-UST-9-14	Solid	11/05/15 09:16	11/06/15 10:20
240-57597-10	F-VB-UST-10-14	Solid	11/05/15 09:18	11/06/15 10:20
240-57597-11	F-VB-UST-11-14	Solid	11/05/15 09:20	11/06/15 10:20
240-57597-12	F-VB-UST-12-14	Solid	11/05/15 09:22	11/06/15 10:20
240-57597-13	F-VB-UST-13-14	Solid	11/05/15 09:24	11/06/15 10:20
240-57597-14	F-VB-UST-14-14	Solid	11/05/15 09:26	11/06/15 10:20
240-57597-15	F-VB-UST-DUP	Solid	11/05/15 00:00	11/06/15 10:20
240-57597-16	TB-110515	Water	11/05/15 00:00	11/06/15 10:20

Method Summary

Client: Tetra Tech, Inc.
Project/Site: MRC Soil Remedy Block F UST

TestAmerica Job ID: 240-57597-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	TAL CAN
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL CAN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
F-VB-UST-1-14	240-57597-1	101	103	103	91
F-VB-UST-2-14	240-57597-2	95	99	96	85
F-VB-UST-3-14	240-57597-3	90	90	93	86
F-VB-UST-4-14	240-57597-4	94	102	93	83
F-VB-UST-5-14	240-57597-5	101	104	100	87
F-VB-UST-6-14	240-57597-6	89	93	88	81
F-VB-UST-7-14	240-57597-7	98	103	98	87
F-VB-UST-8-14	240-57597-8	93	93	97	85
F-VB-UST-9-14	240-57597-9	88	94	89	82
F-VB-UST-10-14	240-57597-10	88	93	89	83
F-VB-UST-11-14	240-57597-11	87	91	90	81
F-VB-UST-12-14	240-57597-12	98	103	99	87
F-VB-UST-13-14	240-57597-13	98	100	105	90
F-VB-UST-14-14	240-57597-14	89	96	87	78
F-VB-UST-DUP	240-57597-15	101	102	102	89
	MB 240-206089/1-A	88	91	91	82
	MB 240-206267/6	101	102	101	90
	LCS 240-206051/5	95	92	94	87
	LCS 240-206267/5	99	94	95	89
F-VB-UST-5-14 MS	240-57597-5 MS	97	92	99	95
F-VB-UST-DUP MS	240-57597-15 MS	97	97	97	88
F-VB-UST-5-14 MSD	240-57597-5 MSD	101	98	101	96
F-VB-UST-DUP MSD	240-57597-15 MSD	99	95	96	86

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	37-132
DCA = 1,2-Dichloroethane-d4 (Surr)	58-123
TOL = Toluene-d8 (Surr)	67-125
BFB = 4-Bromofluorobenzene (Surr)	52-136

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-110515	240-57597-16	97	99	85	90
	MB 240-206461/6	99	95	88	97
	LCS 240-206461/4	103	99	96	103
	240-57564-B-1 MS	99	97	88	103
	240-57564-B-1 MSD	101	98	90	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	79-120
DCA = 1,2-Dichloroethane-d4 (Surr)	78-125
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	61-120

Column to be used to flag recovery values

FORM II 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: ICIS 240-196026/6 Date Analyzed: 09/02/2015 15:37

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 144938.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1489699	6.64	910038	9.37	406298	11.34
UPPER LIMIT		2979398	7.14	1820076	9.87	812596	11.84
LOWER LIMIT		744850	6.14	455019	8.87	203149	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 240-206051/3		1498068	6.64	927026	9.36	430150	11.34
CCVIS 240-206267/3		1511907	6.64	908062	9.37	416832	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206051/3 Date Analyzed: 11/10/2015 10:47

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146325.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1498068	6.64	927026	9.36	430150	11.34
UPPER LIMIT		2996136	7.14	1854052	9.86	860300	11.84
LOWER LIMIT		749034	6.14	463513	8.86	215075	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206051/4		1428310	6.64	843706	9.36	400898	11.34
LCS 240-206051/5		1546829	6.64	933267	9.37	439911	11.34
MB 240-206089/1-A		1539926	6.64	908904	9.36	440491	11.34
240-57597-1	F-VB-UST-1-14	1339894	6.64	803741	9.36	401204	11.34
240-57597-2	F-VB-UST-2-14	1366253	6.64	812014	9.36	402470	11.34
240-57597-3	F-VB-UST-3-14	1478321	6.64	869963	9.36	422508	11.34
240-57597-4	F-VB-UST-4-14	1379125	6.64	832253	9.36	407647	11.34
240-57597-5	F-VB-UST-5-14	1381401	6.64	834119	9.36	405215	11.34
240-57597-5 MS	F-VB-UST-5-14 MS	1327604	6.64	776997	9.36	334424	11.34
240-57597-5 MSD	F-VB-UST-5-14 MSD	1417706	6.64	855433	9.36	375351	11.34
240-57597-6	F-VB-UST-6-14	1361610	6.64	837660	9.36	414338	11.34
240-57597-7	F-VB-UST-7-14	1397574	6.64	848234	9.36	420468	11.34
240-57597-8	F-VB-UST-8-14	1221245	6.64	712201	9.36	345698	11.34
240-57597-9	F-VB-UST-9-14	1423543	6.64	857394	9.36	412539	11.34
240-57597-10	F-VB-UST-10-14	1539979	6.64	947956	9.36	457583	11.34
240-57597-11	F-VB-UST-11-14	1382482	6.64	822070	9.36	396271	11.34
240-57597-12	F-VB-UST-12-14	1354784	6.64	808462	9.36	408687	11.34
240-57597-13	F-VB-UST-13-14	1299068	6.64	749701	9.36	370193	11.34
240-57597-14	F-VB-UST-14-14	1212543	6.64	728498	9.36	358599	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206267/3 Date Analyzed: 11/11/2015 10:39

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 146358.D Heated Purge: (Y/N) Y

Calibration ID: 30511

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1511907	6.64	908062	9.37	416832	11.34
UPPER LIMIT		3023814	7.14	1816124	9.87	833664	11.84
LOWER LIMIT		755954	6.14	454031	8.87	208416	10.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206267/4		1401932	6.64	838774	9.36	393967	11.34
LCS 240-206267/5		1488652	6.64	913203	9.36	430177	11.34
MB 240-206267/6		1376673	6.64	826304	9.37	402736	11.34
240-57597-15	F-VB-UST-DUP	1258982	6.64	751722	9.36	367644	11.34
240-57597-15 MS	F-VB-UST-DUP MS	953829	6.64	561900	9.36	271317	11.34
240-57597-15 MSD	F-VB-UST-DUP MSD	1326891	6.64	791618	9.36	374548	11.34

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD8260 240-204067/4 Date Analyzed: 10/28/2015 13:51

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC3826A.D Heated Purge: (Y/N) N

Calibration ID: 31159

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2262723	4.98	1708800	7.64	900225	9.85
UPPER LIMIT		4525446	5.48	3417600	8.14	1800450	10.35
LOWER LIMIT		1131362	4.48	854400	7.14	450113	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204067/14		2244648	4.98	1717477	7.64	915948	9.85
ICV 240-204067/15		2191668	4.97	1675976	7.64	861710	9.85
CCVIS 240-206461/2		1685909	4.97	1402013	7.64	853216	9.85

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206461/2 Date Analyzed: 11/12/2015 10:41

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXC4392.D Heated Purge: (Y/N) N

Calibration ID: 31161

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1685909	4.97	1402013	7.64	853216	9.85
UPPER LIMIT		3371818	5.47	2804026	8.14	1706432	10.35
LOWER LIMIT		842955	4.47	701007	7.14	426608	9.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-206461/4		1696051	4.97	1338674	7.64	737315	9.85
CCV 240-206461/3		1607750	4.97	1329730	7.64	731454	9.85
MB 240-206461/6		1530091	4.97	1276242	7.64	702637	9.85
240-57597-16	TB-110515	1547502	4.97	1309915	7.64	691488	9.85
240-57564-B-1 MS		1604429	4.97	1330852	7.64	805667	9.85
240-57564-B-1 MSD		1611108	4.97	1343144	7.64	800978	9.85

FB = Fluorobenzene
FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4
Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 146361.D Lab Sample ID: MB 240-206267/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/11/2015 11:43

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206267/5	146360.D	11/11/2015 11:22
F-VB-UST-DUP	240-57597-15	146365.D	11/11/2015 13:09
F-VB-UST-DUP MS	240-57597-15 MS	146366.D	11/11/2015 13:31
F-VB-UST-DUP MSD	240-57597-15 MSD	146367.D	11/11/2015 13:52

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	3.14	J	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.350	J	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.369	J	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206267/6

Matrix: Solid | Lab File ID: 146361.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/11/2015 11:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206267 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		67-125
1868-53-7	Dibromofluoromethane (Surr)	101		37-132
460-00-4	4-Bromofluorobenzene (Surr)	90		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		58-123

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146360.D

Lab ID: LCS 240-206267/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.7	108	80-120	
1,1,1-Trichloroethane	20.0	22.4	112	77-126	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2	106	80-138	
1,1-Dichloroethane	20.0	19.0	95	76-120	
1,1-Dichloroethene	20.0	18.6	93	75-135	
1,1-Dichloropropene	20.0	20.9	104	80-120	
1,2,3-Trichlorobenzene	20.0	20.6	103	61-121	
1,2,3-Trichloropropane	20.0	21.8	109	80-126	
1,2,4-Trichlorobenzene	20.0	21.3	106	64-124	
1,2,4-Trimethylbenzene	20.0	21.1	106	80-129	
1,2-Dibromo-3-Chloropropane	20.0	20.9	104	61-132	
1,2-Dichlorobenzene	20.0	20.6	103	76-120	
1,2-Dichloroethane	20.0	20.6	103	72-120	
1,2-Dichloropropane	20.0	19.1	96	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	78-120	
1,3-Dichloropropane	20.0	20.5	102	80-120	
1,4-Dichlorobenzene	20.0	20.4	102	75-120	
2,2-Dichloropropane	20.0	21.9	110	69-135	
2-Butanone (MEK)	40.0	33.7	84	52-131	
2-Chloroethyl vinyl ether	20.0	15.3 J	76	28-173	
2-Chlorotoluene	20.0	21.5	108	78-120	
2-Hexanone	40.0	32.9	82	64-136	
4-Chlorotoluene	20.0	21.6	108	79-120	
p-Isopropyltoluene	20.0	22.3	112	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	32.6	82	67-135	
Acetone	40.0	33.3	83	41-137	
Benzene	20.0	19.4	97	79-120	
Bromobenzene	20.0	22.4	112	80-120	
Bromoform	20.0	17.7	89	62-133	
Bromomethane	20.0	19.6	98	42-136	
Carbon disulfide	20.0	14.8	74	62-146	
Carbon tetrachloride	20.0	22.8	114	71-129	
Chlorobenzene	20.0	21.0	105	78-120	
Dibromochloromethane	20.0	19.4	97	72-127	
Chloroethane	20.0	19.9	99	58-120	
Chloroform	20.0	21.0	105	77-120	
Chloromethane	20.0	15.6	78	50-120	
cis-1,2-Dichloroethene	20.0	20.1	101	76-120	
cis-1,3-Dichloropropene	20.0	18.4	92	74-128	
Dibromomethane	20.0	21.4	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146360.D

Lab ID: LCS 240-206267/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	22.2	111	79-120	
Dichlorodifluoromethane	20.0	20.4	102	26-120	
Bromodichloromethane	20.0	19.2	96	80-122	
tert-Butyl alcohol (TBA)	200	143 J	71	60-125	
Ethylbenzene	20.0	21.3	106	79-120	
Hexachlorobutadiene	20.0	23.6	118	54-131	
Isopropylbenzene	20.0	21.2	106	76-122	
Methyl tert-butyl ether	20.0	18.5	93	49-165	
Methylene Chloride	20.0	16.9	84	75-120	
m-Xylene & p-Xylene	20.0	21.3	107	80-120	
Naphthalene	20.0	18.4	92	65-123	
n-Butylbenzene	20.0	21.8	109	68-135	
N-Propylbenzene	20.0	21.7	108	80-129	
o-Xylene	20.0	21.7	108	80-120	
sec-Butylbenzene	20.0	20.9	105	74-129	
Styrene	20.0	20.0	100	80-120	
Tetrachloroethene	20.0	21.3	107	79-120	
Toluene	20.0	21.3	106	75-120	
trans-1,2-Dichloroethene	20.0	20.3	101	78-120	
trans-1,3-Dichloropropene	20.0	20.6	103	73-131	
Trichloroethene	20.0	21.5	108	79-120	
Trichlorofluoromethane	20.0	22.8	114	57-146	
Vinyl acetate	20.0	17.7	88	70-130	
Vinyl chloride	20.0	16.8	84	57-120	
Xylenes, Total	40.0	43.0	108	80-120	
tert-Butylbenzene	20.0	21.4	107	76-126	
1,2-Dibromoethane	20.0	21.7	109	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146366.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	19.8	0.53 U	20.2	102	34-135	
1,1,1-Trichloroethane	19.8	0.68 U	22.0	111	51-128	
1,1,2,2-Tetrachloroethane	19.8	0.33 U	19.2	97	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	19.8	0.44 U	21.4	108	50-147	
1,1-Dichloroethane	19.8	0.36 U	18.4	93	54-122	
1,1-Dichloroethene	19.8	0.84 U	18.3	93	49-157	
1,1-Dichloropropene	19.8	0.39 U	20.4	103	50-122	
1,2,3-Trichlorobenzene	19.8	0.53 U	19.1	96	10-120	
1,2,3-Trichloropropane	19.8	0.82 U	22.1	112	32-174	
1,2,4-Trichlorobenzene	19.8	0.40 U	19.5	98	10-120	
1,2,4-Trimethylbenzene	19.8	0.61 U	19.4	98	10-173	
1,2-Dibromo-3-Chloropropane	19.8	2.9 U	17.8	90	10-153	
1,2-Dichlorobenzene	19.8	0.36 U	18.5	94	17-122	
1,2-Dichloroethane	19.8	0.48 U	19.3	97	49-123	
1,2-Dichloropropane	19.8	0.15 U	17.0	86	61-120	
1,3-Dichlorobenzene	19.8	0.73 U	19.2	97	16-126	
1,3-Dichloropropane	19.8	0.42 U	18.5	94	54-128	
1,4-Dichlorobenzene	19.8	0.29 U	17.9	91	15-121	
2,2-Dichloropropane	19.8	0.46 U	21.6	109	49-132	
2-Butanone (MEK)	39.6	3.6 J	30.1	67	30-143	
2-Chloroethyl vinyl ether	19.8	0.67 U	12.6 J	63	10-162	
2-Chlorotoluene	19.8	0.32 U	19.9	101	11-162	
2-Hexanone	39.6	0.72 U	31.1	79	37-147	
4-Chlorotoluene	19.8	0.27 U	19.3	98	15-149	
p-Isopropyltoluene	19.8	0.43 U	20.1	102	10-165	
4-Methyl-2-pentanone (MIBK)	39.6	1.3 U	32.3	82	43-147	
Acetone	39.6	6.0 U	30.0	76	24-140	
Benzene	19.8	0.95 U	18.5	94	53-120	
Bromobenzene	19.8	0.35 U	19.9	101	24-144	
Bromoform	19.8	0.25 U	16.1	81	18-129	
Bromomethane	19.8	0.44 U	19.1	97	33-130	
Carbon disulfide	19.8	0.62 U	13.8	70	20-151	
Carbon tetrachloride	19.8	0.68 U	21.4	108	32-137	
Chlorobenzene	19.8	0.56 U	19.3	97	37-120	
Dibromochloromethane	19.8	0.39 U	17.1	86	29-135	
Chloroethane	19.8	0.46 U	19.4	98	45-120	
Chloroform	19.8	0.38 U	20.5	104	53-120	
Chloromethane	19.8	0.83 U	15.5	78	34-120	
cis-1,2-Dichloroethene	19.8	0.29 U	19.6	99	50-120	
cis-1,3-Dichloropropene	19.8	0.75 U	16.0	81	27-133	
Dibromomethane	19.8	0.44 U	21.4	108	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146366.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Bromochloromethane	19.8	0.35 U	20.6	104	53-120	
Dichlorodifluoromethane	19.8	0.29 U	19.9	101	17-120	
Bromodichloromethane	19.8	0.31 U	17.2	87	35-132	
tert-Butyl alcohol (TBA)	198	6.0 U	163 J	83	60-125	
Ethylbenzene	19.8	0.34 U	19.0	96	30-131	
Hexachlorobutadiene	19.8	0.42 U	20.9	106	10-131	
Isopropylbenzene	19.8	0.21 U	20.0	101	21-134	
Methyl tert-butyl ether	19.8	0.45 U	17.5	88	51-157	
Methylene Chloride	19.8	0.78 U	16.2	82	54-120	
m-Xylene & p-Xylene	19.8	0.44 U	19.4	98	29-131	
Naphthalene	19.8	0.37 U	16.9	85	10-124	
n-Butylbenzene	19.8	0.62 U	19.3	98	10-148	
N-Propylbenzene	19.8	0.63 U	19.4	98	10-178	
o-Xylene	19.8	0.60 U	19.5	98	29-134	
sec-Butylbenzene	19.8	0.96 U	19.5	98	10-172	
Styrene	19.8	0.42 U	17.8	90	27-127	
Tetrachloroethene	19.8	0.84 U	21.7	109	31-135	
Toluene	19.8	0.28 U	20.2	102	39-129	
trans-1,2-Dichloroethene	19.8	0.34 U	19.7	100	50-123	
trans-1,3-Dichloropropene	19.8	0.31 U	17.1	86	28-137	
Trichloroethene	19.8	0.40 U	20.3	103	10-177	
Trichlorofluoromethane	19.8	0.31 U	21.2	107	36-142	
Vinyl acetate	19.8	0.70 U	17.6	89	70-130	
Vinyl chloride	19.8	0.32 U	16.9	85	42-120	
Xylenes, Total	39.6	0.57 U	38.9	98	30-131	
tert-Butylbenzene	19.8	0.71 U	20.0	101	10-163	
1,2-Dibromoethane	19.8	0.56 U	19.8	100	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146367.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	22.6	22.0	97	9	30	34-135	
1,1,1-Trichloroethane	22.6	23.8	105	8	30	51-128	
1,1,2,2-Tetrachloroethane	22.6	21.3	94	11	30	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	22.6	23.5	104	10	30	50-147	
1,1-Dichloroethane	22.6	20.4	90	10	30	54-122	
1,1-Dichloroethene	22.6	20.3	90	10	30	49-157	
1,1-Dichloropropene	22.6	22.2	98	8	30	50-122	
1,2,3-Trichlorobenzene	22.6	19.9	88	4	30	10-120	
1,2,3-Trichloropropane	22.6	20.5	91	8	30	32-174	
1,2,4-Trichlorobenzene	22.6	20.8	92	6	30	10-120	
1,2,4-Trimethylbenzene	22.6	20.8	92	7	30	10-173	
1,2-Dibromo-3-Chloropropane	22.6	20.5	91	14	30	10-153	
1,2-Dichlorobenzene	22.6	19.9	88	7	30	17-122	
1,2-Dichloroethane	22.6	21.1	93	9	30	49-123	
1,2-Dichloropropane	22.6	19.2	85	12	30	61-120	
1,3-Dichlorobenzene	22.6	19.0	84	1	30	16-126	
1,3-Dichloropropane	22.6	20.2	89	9	30	54-128	
1,4-Dichlorobenzene	22.6	19.1	85	7	30	15-121	
2,2-Dichloropropane	22.6	24.1	107	11	30	49-132	
2-Butanone (MEK)	45.2	31.6	62	5	30	30-143	
2-Chloroethyl vinyl ether	22.6	14.8 J	66	17	30	10-162	
2-Chlorotoluene	22.6	21.8	96	9	30	11-162	
2-Hexanone	45.2	33.3	74	7	30	37-147	
4-Chlorotoluene	22.6	20.1	89	4	30	15-149	
p-Isopropyltoluene	22.6	21.4	94	6	30	10-165	
4-Methyl-2-pentanone (MIBK)	45.2	33.2	73	3	30	43-147	
Acetone	45.2	29.1	64	3	30	24-140	
Benzene	22.6	20.6	91	11	30	53-120	
Bromobenzene	22.6	22.2	98	11	30	24-144	
Bromoform	22.6	17.5	77	8	30	18-129	
Bromomethane	22.6	20.8	92	8	30	33-130	
Carbon disulfide	22.6	15.4	68	11	30	20-151	
Carbon tetrachloride	22.6	23.7	105	10	30	32-137	
Chlorobenzene	22.6	20.8	92	8	30	37-120	
Dibromochloromethane	22.6	19.4	86	13	30	29-135	
Chloroethane	22.6	20.8	92	7	30	45-120	
Chloroform	22.6	22.6	100	9	30	53-120	
Chloromethane	22.6	17.2	76	11	30	34-120	
cis-1,2-Dichloroethene	22.6	21.5	95	9	30	50-120	
cis-1,3-Dichloropropene	22.6	18.1	80	12	30	27-133	
Dibromomethane	22.6	22.8	101	7	30	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146367.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	22.6	22.2	98	8	30	53-120	
Dichlorodifluoromethane	22.6	21.8	96	9	30	17-120	
Bromodichloromethane	22.6	20.4	90	17	30	35-132	
tert-Butyl alcohol (TBA)	226	158 J	70	4	30	60-125	
Ethylbenzene	22.6	20.9	93	10	30	30-131	
Hexachlorobutadiene	22.6	22.4	99	7	30	10-131	
Isopropylbenzene	22.6	21.8	96	8	30	21-134	
Methyl tert-butyl ether	22.6	19.5	86	11	30	51-157	
Methylene Chloride	22.6	19.2	85	17	30	54-120	
m-Xylene & p-Xylene	22.6	20.2	89	4	30	29-131	
Naphthalene	22.6	18.8	83	11	30	10-124	
n-Butylbenzene	22.6	20.7	92	7	30	10-148	
N-Propylbenzene	22.6	20.7	91	7	30	10-178	
o-Xylene	22.6	21.5	95	10	30	29-134	
sec-Butylbenzene	22.6	20.6	91	6	30	10-172	
Styrene	22.6	19.5	86	9	30	27-127	
Tetrachloroethene	22.6	21.7	96	0	30	31-135	
Toluene	22.6	21.7	96	7	30	39-129	
trans-1,2-Dichloroethene	22.6	21.8	97	10	30	50-123	
trans-1,3-Dichloropropene	22.6	19.7	87	14	30	28-137	
Trichloroethene	22.6	22.5	99	10	30	10-177	
Trichlorofluoromethane	22.6	25.1	111	17	30	36-142	
Vinyl acetate	22.6	17.9	79	2	30	70-130	
Vinyl chloride	22.6	18.5	82	9	30	42-120	
Xylenes, Total	45.2	41.7	92	7	30	30-131	
tert-Butylbenzene	22.6	21.5	95	7	30	10-163	
1,2-Dibromoethane	22.6	21.9	97	10	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 146331.D Lab Sample ID: MB 240-206089/1-A

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/10/2015 12:56

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F-VB-UST-1-14	240-57597-1	146336.D	11/10/2015 14:43
F-VB-UST-2-14	240-57597-2	146337.D	11/10/2015 15:05
F-VB-UST-3-14	240-57597-3	146338.D	11/10/2015 15:26
F-VB-UST-4-14	240-57597-4	146339.D	11/10/2015 15:48
F-VB-UST-5-14	240-57597-5	146340.D	11/10/2015 16:09
F-VB-UST-5-14 MS	240-57597-5 MS	146341.D	11/10/2015 16:30
F-VB-UST-5-14 MSD	240-57597-5 MSD	146342.D	11/10/2015 16:52
F-VB-UST-6-14	240-57597-6	146343.D	11/10/2015 17:13
F-VB-UST-7-14	240-57597-7	146344.D	11/10/2015 17:35
F-VB-UST-8-14	240-57597-8	146345.D	11/10/2015 17:56
F-VB-UST-9-14	240-57597-9	146346.D	11/10/2015 18:18
F-VB-UST-10-14	240-57597-10	146347.D	11/10/2015 18:39
F-VB-UST-11-14	240-57597-11	146348.D	11/10/2015 19:01
F-VB-UST-12-14	240-57597-12	146349.D	11/10/2015 19:22
F-VB-UST-13-14	240-57597-13	146350.D	11/10/2015 19:44
F-VB-UST-14-14	240-57597-14	146351.D	11/10/2015 20:05

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	5.0	0.50
71-55-6	1,1,1-Trichloroethane	0.65	U	5.0	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	5.0	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.42	U	5.0	0.42
75-34-3	1,1-Dichloroethane	0.34	U	5.0	0.34
75-35-4	1,1-Dichloroethene	0.80	U	5.0	0.80
563-58-6	1,1-Dichloropropene	0.37	U	5.0	0.37
87-61-6	1,2,3-Trichlorobenzene	0.50	U	5.0	0.50
96-18-4	1,2,3-Trichloropropane	0.78	U	5.0	0.78
526-73-8	1,2,3-Trimethylbenzene	0.46	U	5.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.38	U	5.0	0.38
95-63-6	1,2,4-Trimethylbenzene	0.58	U	5.0	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	10	2.7
95-50-1	1,2-Dichlorobenzene	0.34	U	5.0	0.34
107-06-2	1,2-Dichloroethane	0.46	U	5.0	0.46
78-87-5	1,2-Dichloropropane	0.14	U	5.0	0.14
541-73-1	1,3-Dichlorobenzene	0.69	U	5.0	0.69
142-28-9	1,3-Dichloropropane	0.40	U	5.0	0.40
106-46-7	1,4-Dichlorobenzene	0.28	U	5.0	0.28
594-20-7	2,2-Dichloropropane	0.44	U	5.0	0.44
78-93-3	2-Butanone (MEK)	2.83	J	20	1.1
110-75-8	2-Chloroethyl vinyl ether	0.64	U	50	0.64
95-49-8	2-Chlorotoluene	0.30	U	5.0	0.30
591-78-6	2-Hexanone	0.68	U	20	0.68
106-43-4	4-Chlorotoluene	0.26	U	5.0	0.26
99-87-6	p-Isopropyltoluene	0.41	U	5.0	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	20	1.2
67-64-1	Acetone	5.7	U	20	5.7
71-43-2	Benzene	0.90	U	5.0	0.90
108-86-1	Bromobenzene	0.33	U	5.0	0.33
75-25-2	Bromoform	0.24	U	5.0	0.24
74-83-9	Bromomethane	0.42	U	5.0	0.42
75-15-0	Carbon disulfide	0.59	U	5.0	0.59
56-23-5	Carbon tetrachloride	0.65	U	5.0	0.65
108-90-7	Chlorobenzene	0.53	U	5.0	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.37	U	5.0	0.37
75-00-3	Chloroethane	0.44	U	5.0	0.44
67-66-3	Chloroform	0.36	U	5.0	0.36
74-87-3	Chloromethane	0.79	U	5.0	0.79
156-59-2	cis-1,2-Dichloroethene	0.28	U	5.0	0.28
10061-01-5	cis-1,3-Dichloropropene	0.71	U	5.0	0.71
74-95-3	Dibromomethane	0.42	U	5.0	0.42
74-97-5	Bromochloromethane	0.33	U	5.0	0.33
75-71-8	Dichlorodifluoromethane	0.28	U	5.0	0.28
75-27-4	Bromodichloromethane	0.29	U	5.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	5.7	U	200	5.7
100-41-4	Ethylbenzene	0.32	U	5.0	0.32
87-68-3	Hexachlorobutadiene	0.40	U	5.0	0.40
108-20-3	Diisopropyl ether	0.59	U	10	0.59
98-82-8	Isopropylbenzene	0.20	U	5.0	0.20
1634-04-4	Methyl tert-butyl ether	0.43	U	5.0	0.43
75-09-2	Methylene Chloride	0.74	U	5.0	0.74
179601-23-1	m-Xylene & p-Xylene	0.42	U	10	0.42
91-20-3	Naphthalene	0.35	U	5.0	0.35
104-51-8	n-Butylbenzene	0.59	U	5.0	0.59
103-65-1	N-Propylbenzene	0.60	U	5.0	0.60
95-47-6	o-Xylene	0.57	U	5.0	0.57
135-98-8	sec-Butylbenzene	0.91	U	5.0	0.91
100-42-5	Styrene	0.40	U	5.0	0.40
994-05-8	Tert-amyl methyl ether	0.43	U	5.0	0.43
637-92-3	Ethyl t-butyl ether	0.41	U	5.0	0.41
127-18-4	Tetrachloroethene	0.80	U	5.0	0.80
108-88-3	Toluene	0.27	U	5.0	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	5.0	0.32
10061-02-6	trans-1,3-Dichloropropene	0.29	U	5.0	0.29
79-01-6	Trichloroethene	0.38	U	5.0	0.38
75-69-4	Trichlorofluoromethane	0.29	U	5.0	0.29
108-05-4	Vinyl acetate	0.66	U	10	0.66
75-01-4	Vinyl chloride	0.30	U	5.0	0.30
1330-20-7	Xylenes, Total	0.54	U	10	0.54
98-06-6	tert-Butylbenzene	0.67	U	5.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206089/1-A

Matrix: Solid | Lab File ID: 146331.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5.0(g) | Date Analyzed: 11/10/2015 12:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.53	U	5.0	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		67-125
1868-53-7	Dibromofluoromethane (Surr)	88		37-132
460-00-4	4-Bromofluorobenzene (Surr)	82		52-136
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		58-123

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146327.D

Lab ID: LCS 240-206051/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.4	102	80-120	
1,1,1-Trichloroethane	20.0	22.0	110	77-126	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	77-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9	105	80-138	
1,1-Dichloroethane	20.0	18.5	93	76-120	
1,1-Dichloroethene	20.0	19.1	95	75-135	
1,1-Dichloropropene	20.0	20.3	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.5	98	61-121	
1,2,3-Trichloropropane	20.0	20.3	102	80-126	
1,2,4-Trichlorobenzene	20.0	20.6	103	64-124	
1,2,4-Trimethylbenzene	20.0	20.3	101	80-129	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	61-132	
1,2-Dichlorobenzene	20.0	19.0	95	76-120	
1,2-Dichloroethane	20.0	19.3	97	72-120	
1,2-Dichloropropane	20.0	17.7	88	80-120	
1,3-Dichlorobenzene	20.0	19.3	96	78-120	
1,3-Dichloropropane	20.0	18.6	93	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	75-120	
2,2-Dichloropropane	20.0	21.3	106	69-135	
2-Butanone (MEK)	40.0	31.5	79	52-131	
2-Chloroethyl vinyl ether	20.0	14.8 J	74	28-173	
2-Chlorotoluene	20.0	20.2	101	78-120	
2-Hexanone	40.0	31.3	78	64-136	
4-Chlorotoluene	20.0	20.0	100	79-120	
p-Isopropyltoluene	20.0	20.7	103	77-131	
4-Methyl-2-pentanone (MIBK)	40.0	30.7	77	67-135	
Acetone	40.0	32.8	82	41-137	
Benzene	20.0	18.5	93	79-120	
Bromobenzene	20.0	21.3	106	80-120	
Bromoform	20.0	16.3	82	62-133	
Bromomethane	20.0	18.8	94	42-136	
Carbon disulfide	20.0	15.1	75	62-146	
Carbon tetrachloride	20.0	21.9	110	71-129	
Chlorobenzene	20.0	19.9	99	78-120	
Dibromochloromethane	20.0	18.2	91	72-127	
Chloroethane	20.0	18.7	93	58-120	
Chloroform	20.0	19.9	100	77-120	
Chloromethane	20.0	14.5	72	50-120	
cis-1,2-Dichloroethene	20.0	19.6	98	76-120	
cis-1,3-Dichloropropene	20.0	17.3	86	74-128	
Dibromomethane	20.0	19.1	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146327.D

Lab ID: LCS 240-206051/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	20.0	21.1	106	79-120	
Dichlorodifluoromethane	20.0	16.4	82	26-120	
Bromodichloromethane	20.0	18.1	90	80-122	
tert-Butyl alcohol (TBA)	200	138 J	69	60-125	
Ethylbenzene	20.0	19.8	99	79-120	
Hexachlorobutadiene	20.0	21.4	107	54-131	
Isopropylbenzene	20.0	20.6	103	76-122	
Methyl tert-butyl ether	20.0	18.7	93	49-165	
Methylene Chloride	20.0	16.7	84	75-120	
m-Xylene & p-Xylene	20.0	19.8	99	80-120	
Naphthalene	20.0	18.4	92	65-123	
n-Butylbenzene	20.0	20.2	101	68-135	
N-Propylbenzene	20.0	19.8	99	80-129	
o-Xylene	20.0	20.7	103	80-120	
sec-Butylbenzene	20.0	19.9	100	74-129	
Styrene	20.0	18.7	93	80-120	
Tetrachloroethene	20.0	19.6	98	79-120	
Toluene	20.0	20.5	102	75-120	
trans-1,2-Dichloroethene	20.0	20.1	100	78-120	
trans-1,3-Dichloropropene	20.0	19.3	97	73-131	
Trichloroethene	20.0	21.1	105	79-120	
Trichlorofluoromethane	20.0	22.3	111	57-146	
Vinyl acetate	20.0	16.9	85	70-130	
Vinyl chloride	20.0	15.8	79	57-120	
Xylenes, Total	40.0	40.5	101	80-120	
tert-Butylbenzene	20.0	20.1	101	76-126	
1,2-Dibromoethane	20.0	19.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146341.D

Lab ID: 240-57597-5 MS Client ID: F-VB-UST-5-14 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	22.8	0.58 U	23.0	101	34-135	
1,1,1-Trichloroethane	22.8	0.75 U	24.1	106	51-128	
1,1,2,2-Tetrachloroethane	22.8	0.36 U	26.6	117	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	22.8	0.49 U	23.5	103	50-147	
1,1-Dichloroethane	22.8	0.39 U	21.1	93	54-122	
1,1-Dichloroethene	22.8	0.93 U	19.8	87	49-157	
1,1-Dichloropropene	22.8	0.43 U	22.7	100	50-122	
1,2,3-Trichlorobenzene	22.8	0.58 U	14.1	62	10-120	
1,2,3-Trichloropropane	22.8	0.90 U	23.8	104	32-174	
1,2,4-Trichlorobenzene	22.8	0.44 U	14.2	62	10-120	
1,2,4-Trimethylbenzene	22.8	0.67 U	18.7	82	10-173	
1,2-Dibromo-3-Chloropropane	22.8	3.1 U	22.2	97	10-153	
1,2-Dichlorobenzene	22.8	0.39 U	18.1	79	17-122	
1,2-Dichloroethane	22.8	0.53 U	22.0	97	49-123	
1,2-Dichloropropane	22.8	0.16 U	20.8	91	61-120	
1,3-Dichlorobenzene	22.8	0.80 U	18.3	80	16-126	
1,3-Dichloropropane	22.8	0.46 U	22.5	98	54-128	
1,4-Dichlorobenzene	22.8	0.32 U	17.8	78	15-121	
2,2-Dichloropropane	22.8	0.51 U	24.0	105	49-132	
2-Butanone (MEK)	45.6	4.3 J	36.6	71	30-143	
2-Chloroethyl vinyl ether	22.8	0.74 U	16.4 J	72	10-162	
2-Chlorotoluene	22.8	0.35 U	20.8	91	11-162	
2-Hexanone	45.6	0.79 U	52.2	114	37-147	
4-Chlorotoluene	22.8	0.30 U	19.4	85	15-149	
p-Isopropyltoluene	22.8	0.47 U	19.0	83	10-165	
4-Methyl-2-pentanone (MIBK)	45.6	1.4 U	150	328	43-147	F1
Acetone	45.6	13 J	47.7	77	24-140	
Benzene	22.8	1.0 U	21.1	93	53-120	
Bromobenzene	22.8	0.38 U	21.7	95	24-144	
Bromoform	22.8	0.28 U	18.7	82	18-129	
Bromomethane	22.8	0.49 U	19.8	87	33-130	
Carbon disulfide	22.8	0.68 U	16.0	70	20-151	
Carbon tetrachloride	22.8	0.75 U	24.0	105	32-137	
Chlorobenzene	22.8	0.61 U	20.7	91	37-120	
Dibromochloromethane	22.8	0.43 U	20.2	89	29-135	
Chloroethane	22.8	0.51 U	21.5	94	45-120	
Chloroform	22.8	0.42 U	22.9	100	53-120	
Chloromethane	22.8	0.92 U	15.9	70	34-120	
cis-1,2-Dichloroethene	22.8	0.32 U	22.1	97	50-120	
cis-1,3-Dichloropropene	22.8	0.82 U	19.1	84	27-133	
Dibromomethane	22.8	0.49 U	22.0	96	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146341.D

Lab ID: 240-57597-5 MS Client ID: F-VB-UST-5-14 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Bromochloromethane	22.8	0.38 U	23.3	102	53-120	
Dichlorodifluoromethane	22.8	0.32 U	18.3	80	17-120	
Bromodichloromethane	22.8	0.34 U	20.0	88	35-132	
tert-Butyl alcohol (TBA)	228	6.6 U	164 J	72	60-125	
Ethylbenzene	22.8	0.37 U	20.5	90	30-131	
Hexachlorobutadiene	22.8	0.46 U	12.5	55	10-131	
Isopropylbenzene	22.8	0.23 U	19.5	86	21-134	
Methyl tert-butyl ether	22.8	0.50 U	20.9	92	51-157	
Methylene Chloride	22.8	0.86 U	18.8	82	54-120	
m-Xylene & p-Xylene	22.8	0.49 U	19.3	85	29-131	
Naphthalene	22.8	0.41 J	17.8	76	10-124	
n-Butylbenzene	22.8	0.68 U	16.6	73	10-148	
N-Propylbenzene	22.8	0.70 U	19.7	86	10-178	
o-Xylene	22.8	0.66 U	20.9	92	29-134	
sec-Butylbenzene	22.8	1.1 U	18.2	80	10-172	
Styrene	22.8	0.46 U	17.9	79	27-127	
Tetrachloroethene	22.8	0.93 U	22.3	98	31-135	
Toluene	22.8	0.31 U	22.0	96	39-129	
trans-1,2-Dichloroethene	22.8	0.37 U	22.3	98	50-123	
trans-1,3-Dichloropropene	22.8	0.34 U	21.1	93	28-137	
Trichloroethene	22.8	0.44 U	23.2	101	10-177	
Trichlorofluoromethane	22.8	0.34 U	23.0	101	36-142	
Vinyl acetate	22.8	0.76 U	14.4	63	70-130	F1
Vinyl chloride	22.8	0.35 U	17.4	76	42-120	
Xylenes, Total	45.6	0.63 U	40.2	88	30-131	
tert-Butylbenzene	22.8	0.78 U	21.3	93	10-163	
1,2-Dibromoethane	22.8	0.61 U	24.2	106	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146342.D

Lab ID: 240-57597-5 MSD Client ID: F-VB-UST-5-14 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	23.0	24.0	104	4	30	34-135	
1,1,1-Trichloroethane	23.0	25.7	112	7	30	51-128	
1,1,2,2-Tetrachloroethane	23.0	28.0	121	5	30	16-179	
1,1,2-Trichloro-1,2,2-trifluoroethane	23.0	25.6	111	9	30	50-147	
1,1-Dichloroethane	23.0	22.5	98	6	30	54-122	
1,1-Dichloroethene	23.0	22.0	95	10	30	49-157	
1,1-Dichloropropene	23.0	25.1	109	10	30	50-122	
1,2,3-Trichlorobenzene	23.0	17.9	78	24	30	10-120	
1,2,3-Trichloropropane	23.0	28.9	125	19	30	32-174	
1,2,4-Trichlorobenzene	23.0	19.9	86	33	30	10-120	F2
1,2,4-Trimethylbenzene	23.0	25.2	109	29	30	10-173	
1,2-Dibromo-3-Chloropropane	23.0	26.9	117	19	30	10-153	
1,2-Dichlorobenzene	23.0	22.2	96	20	30	17-122	
1,2-Dichloroethane	23.0	24.1	105	9	30	49-123	
1,2-Dichloropropane	23.0	21.9	95	5	30	61-120	
1,3-Dichlorobenzene	23.0	22.6	98	21	30	16-126	
1,3-Dichloropropane	23.0	23.2	101	3	30	54-128	
1,4-Dichlorobenzene	23.0	22.3	97	22	30	15-121	
2,2-Dichloropropane	23.0	24.5	107	2	30	49-132	
2-Butanone (MEK)	46.1	39.3	76	7	30	30-143	
2-Chloroethyl vinyl ether	23.0	17.2 J	75	5	30	10-162	
2-Chlorotoluene	23.0	25.6	111	21	30	11-162	
2-Hexanone	46.1	52.6	114	1	30	37-147	
4-Chlorotoluene	23.0	24.9	108	25	30	15-149	
p-Isopropyltoluene	23.0	26.0	113	31	30	10-165	F2
4-Methyl-2-pentanone (MIBK)	46.1	140	303	7	30	43-147	F1
Acetone	46.1	53.3	88	11	30	24-140	
Benzene	23.0	23.0	100	8	30	53-120	
Bromobenzene	23.0	26.9	117	22	30	24-144	
Bromoform	23.0	19.9	86	7	30	18-129	
Bromomethane	23.0	21.9	95	10	30	33-130	
Carbon disulfide	23.0	17.6	76	10	30	20-151	
Carbon tetrachloride	23.0	26.5	115	10	30	32-137	
Chlorobenzene	23.0	23.7	103	14	30	37-120	
Dibromochloromethane	23.0	21.2	92	5	30	29-135	
Chloroethane	23.0	22.3	97	4	30	45-120	
Chloroform	23.0	25.1	109	9	30	53-120	
Chloromethane	23.0	17.1	74	8	30	34-120	
cis-1,2-Dichloroethene	23.0	24.0	104	8	30	50-120	
cis-1,3-Dichloropropene	23.0	21.0	91	9	30	27-133	
Dibromomethane	23.0	24.2	105	9	30	52-123	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 146342.D

Lab ID: 240-57597-5 MSD Client ID: F-VB-UST-5-14 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromochloromethane	23.0	26.0	113	11	30	53-120	
Dichlorodifluoromethane	23.0	18.5	80	1	30	17-120	
Bromodichloromethane	23.0	22.9	99	13	30	35-132	
tert-Butyl alcohol (TBA)	230	189 J	82	14	30	60-125	
Ethylbenzene	23.0	24.4	106	17	30	30-131	
Hexachlorobutadiene	23.0	22.3	97	57	30	10-131	F2
Isopropylbenzene	23.0	25.1	109	25	30	21-134	
Methyl tert-butyl ether	23.0	22.3	97	6	30	51-157	
Methylene Chloride	23.0	20.2	88	7	30	54-120	
m-Xylene & p-Xylene	23.0	24.0	104	22	30	29-131	
Naphthalene	23.0	21.0	89	16	30	10-124	
n-Butylbenzene	23.0	25.0	109	40	30	10-148	F2
N-Propylbenzene	23.0	25.5	111	26	30	10-178	
o-Xylene	23.0	25.1	109	18	30	29-134	
sec-Butylbenzene	23.0	25.1	109	32	30	10-172	F2
Styrene	23.0	21.9	95	20	30	27-127	
Tetrachloroethene	23.0	24.7	107	10	30	31-135	
Toluene	23.0	24.4	106	11	30	39-129	
trans-1,2-Dichloroethene	23.0	24.7	107	10	30	50-123	
trans-1,3-Dichloropropene	23.0	22.9	99	8	30	28-137	
Trichloroethene	23.0	25.3	110	9	30	10-177	
Trichlorofluoromethane	23.0	26.2	114	13	30	36-142	
Vinyl acetate	23.0	17.8	77	21	30	70-130	
Vinyl chloride	23.0	18.6	81	7	30	42-120	
Xylenes, Total	46.1	49.1	107	20	30	30-131	
tert-Butylbenzene	23.0	26.7	116	22	30	10-163	
1,2-Dibromoethane	23.0	25.0	108	3	30	45-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: UXC4396.D Lab Sample ID: MB 240-206461/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX15 Date Analyzed: 11/12/2015 12:11

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-206461/4	UXC4393.D	11/12/2015 11:03
TB-110515	240-57597-16	UXC4397.D	11/12/2015 12:33
	240-57564-B-1 MS	UXC4417.D	11/12/2015 20:05
	240-57564-B-1 MSD	UXC4418.D	11/12/2015 20:27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206461/6

Matrix: Water | Lab File ID: UXC4396.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	0.28	U	1.0	0.28
71-55-6	1,1,1-Trichloroethane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	1.0	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.45	U	1.0	0.45
75-34-3	1,1-Dichloroethane	0.30	U	1.0	0.30
75-35-4	1,1-Dichloroethene	0.45	U	1.0	0.45
563-58-6	1,1-Dichloropropene	0.42	U	1.0	0.42
87-61-6	1,2,3-Trichlorobenzene	0.37	U	1.0	0.37
96-18-4	1,2,3-Trichloropropane	0.44	U	1.0	0.44
526-73-8	1,2,3-Trimethylbenzene	0.47	U	5.0	0.47
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
95-63-6	1,2,4-Trimethylbenzene	0.41	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	0.82	U	2.0	0.82
95-50-1	1,2-Dichlorobenzene	0.25	U	1.0	0.25
107-06-2	1,2-Dichloroethane	0.23	U	1.0	0.23
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25
541-73-1	1,3-Dichlorobenzene	0.19	U	1.0	0.19
142-28-9	1,3-Dichloropropane	0.19	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	0.27	U	1.0	0.27
594-20-7	2,2-Dichloropropane	0.26	U	1.0	0.26
78-93-3	2-Butanone (MEK)	0.583	J	10	0.53
110-75-8	2-Chloroethyl vinyl ether	0.59	U	10	0.59
95-49-8	2-Chlorotoluene	0.40	U	1.0	0.40
591-78-6	2-Hexanone	0.48	U	10	0.48
106-43-4	4-Chlorotoluene	0.29	U	1.0	0.29
99-87-6	p-Isopropyltoluene	0.43	U	1.0	0.43
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	10	0.99
67-64-1	Acetone	0.94	U	10	0.94
71-43-2	Benzene	0.35	U	1.0	0.35
108-86-1	Bromobenzene	0.35	U	1.0	0.35
75-25-2	Bromoform	0.56	U	1.0	0.56
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-15-0	Carbon disulfide	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
108-90-7	Chlorobenzene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-206461/6

Matrix: Water | Lab File ID: UXC4396.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 206461 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.43	U	1.0	0.43
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.25	U	1.0	0.25
74-87-3	Chloromethane	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
74-95-3	Dibromomethane	0.42	U	1.0	0.42
74-97-5	Bromochloromethane	0.50	U	1.0	0.50
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
75-27-4	Bromodichloromethane	0.29	U	1.0	0.29
75-65-0	tert-Butyl alcohol (TBA)	4.9	U	50	4.9
100-41-4	Ethylbenzene	0.25	U	1.0	0.25
87-68-3	Hexachlorobutadiene	0.35	U	1.0	0.35
108-20-3	Diisopropyl ether	0.50	U	10	0.50
98-82-8	Isopropylbenzene	0.35	U	1.0	0.35
1634-04-4	Methyl tert-butyl ether	0.20	U	1.0	0.20
75-09-2	Methylene Chloride	0.33	U	1.0	0.33
179601-23-1	m-Xylene & p-Xylene	0.24	U	2.0	0.24
91-20-3	Naphthalene	0.45	U	1.0	0.45
104-51-8	n-Butylbenzene	0.31	U	1.0	0.31
103-65-1	N-Propylbenzene	0.40	U	1.0	0.40
95-47-6	o-Xylene	0.25	U	1.0	0.25
135-98-8	sec-Butylbenzene	0.48	U	1.0	0.48
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl methyl ether	0.30	U	5.0	0.30
637-92-3	Ethyl t-butyl ether	0.23	U	5.0	0.23
127-18-4	Tetrachloroethene	0.31	U	1.0	0.31
108-88-3	Toluene	0.23	U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	0.30	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.56	U	1.0	0.56
79-01-6	Trichloroethene	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.49	U	1.0	0.49
108-05-4	Vinyl acetate	0.41	U	2.0	0.41
75-01-4	Vinyl chloride	0.29	U	1.0	0.29
1330-20-7	Xylenes, Total	0.52	U	2.0	0.52
98-06-6	tert-Butylbenzene	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206461/6

Matrix: Water Lab File ID: UXC4396.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/12/2015 12:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206461 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		79-120
460-00-4	4-Bromofluorobenzene (Surr)	97		61-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		78-125

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4393.D

Lab ID: LCS 240-206461/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	10.0	11.8	118	80-120	
1,1,1-Trichloroethane	10.0	11.1	111	77-123	
1,1,2,2-Tetrachloroethane	10.0	9.38	94	71-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.57	96	67-138	
1,1-Dichloroethane	10.0	9.43	94	79-125	
1,1-Dichloroethene	10.0	8.73	87	76-124	
1,1-Dichloropropene	10.0	10.4	104	80-128	
1,2,3-Trichlorobenzene	10.0	8.64	86	66-120	
1,2,3-Trichloropropane	10.0	11.3	113	72-126	
1,2,4-Trichlorobenzene	10.0	8.66	87	61-120	
1,2,4-Trimethylbenzene	10.0	9.93	99	76-120	
1,2-Dibromo-3-Chloropropane	10.0	9.17	92	50-132	
1,2-Dichlorobenzene	10.0	9.76	98	79-120	
1,2-Dichloroethane	10.0	10.5	105	80-120	
1,2-Dichloropropane	10.0	9.07	91	78-124	
1,3-Dichlorobenzene	10.0	9.90	99	79-120	
1,3-Dichloropropane	10.0	9.29	93	80-120	
1,4-Dichlorobenzene	10.0	9.83	98	79-120	
2,2-Dichloropropane	10.0	10.4	104	71-122	
2-Butanone (MEK)	20.0	16.3	82	56-138	
2-Chloroethyl vinyl ether	10.0	8.93 J	89	54-139	
2-Chlorotoluene	10.0	10.4	104	80-120	
2-Hexanone	20.0	17.6	88	55-141	
4-Chlorotoluene	10.0	9.89	99	80-120	
p-Isopropyltoluene	10.0	9.42	94	77-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.1	90	64-135	
Acetone	20.0	13.6	68	34-148	
Benzene	10.0	9.23	92	80-120	
Bromobenzene	10.0	10.7	107	80-120	
Bromoform	10.0	10.7	107	56-122	
Bromomethane	10.0	11.0	110	38-132	
Carbon disulfide	10.0	7.86	79	65-144	
Carbon tetrachloride	10.0	11.6	116	77-131	
Chlorobenzene	10.0	10.2	102	80-120	
Dibromochloromethane	10.0	10.6	106	74-120	
Chloroethane	10.0	9.73	97	36-126	
Chloroform	10.0	10.6	106	80-120	
Chloromethane	10.0	8.46	85	48-133	
cis-1,2-Dichloroethene	10.0	9.74	97	79-120	
cis-1,3-Dichloropropene	10.0	9.52	95	74-126	
Dibromomethane	10.0	10.7	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4393.D

Lab ID: LCS 240-206461/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromochloromethane	10.0	10.8	108	80-120	
Dichlorodifluoromethane	10.0	10.5	105	23-136	
Bromodichloromethane	10.0	11.0	110	80-120	
tert-Butyl alcohol (TBA)	100	72.2	72	38-144	
Ethylbenzene	10.0	10.5	105	80-120	
Hexachlorobutadiene	10.0	8.37	84	62-120	
Isopropylbenzene	10.0	10.4	104	77-120	
Methyl tert-butyl ether	10.0	10.1	101	69-121	
Methylene Chloride	10.0	9.34	93	77-129	
m-Xylene & p-Xylene	10.0	10.0	100	80-120	
Naphthalene	10.0	8.44	84	53-121	
n-Butylbenzene	10.0	8.71	87	74-120	
N-Propylbenzene	10.0	10.2	102	79-123	
o-Xylene	10.0	10.4	104	80-120	
sec-Butylbenzene	10.0	9.27	93	77-120	
Styrene	10.0	9.85	99	76-122	
Tetrachloroethene	10.0	10.9	109	78-121	
Toluene	10.0	9.77	98	80-120	
trans-1,2-Dichloroethene	10.0	9.53	95	80-124	
trans-1,3-Dichloropropene	10.0	9.90	99	75-131	
Trichloroethene	10.0	11.1	111	80-121	
Trichlorofluoromethane	10.0	9.70	97	61-133	
Vinyl acetate	10.0	9.77	98	27-160	
Vinyl chloride	10.0	9.07	91	52-121	
Xylenes, Total	20.0	20.4	102	80-120	
tert-Butylbenzene	10.0	9.67	97	77-121	
1,2-Dibromoethane	10.0	10.7	107	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260C

Sample is not in this SDG

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4417.D

Lab ID: 240-57564-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2500	110 U	2570	103	69-122	
1,1,2,2-Tetrachloroethane	2500	55 U	2130	85	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	110 U	1850	74	44-140	
1,1-Dichloroethane	2500	75 U	2270	91	73-124	
1,1-Dichloroethene	2500	110 U	2020	81	67-124	
1,2,4-Trichlorobenzene	2500	80 U	2090	84	48-120	
1,2-Dibromo-3-Chloropropane	2500	210 U	2310	92	42-130	
1,2-Dichlorobenzene	2500	63 U	2300	92	67-118	
1,2-Dichloroethane	2500	58 U	2580	103	74-125	
1,2-Dichloropropane	2500	63 U	2170	87	73-122	
1,3-Dichlorobenzene	2500	48 U	2250	90	65-120	
1,4-Dichlorobenzene	2500	68 U	2290	92	66-120	
2-Butanone (MEK)	5000	7000	12400	109	49-132	
2-Hexanone	5000	120 U	4460	89	49-142	
4-Methyl-2-pentanone (MIBK)	5000	370 J	5380	100	58-136	
Acetone	5000	9800	18700	179	32-126	F1
Benzene	2500	88 U	2220	89	73-121	
Bromoform	2500	140 U	2500	100	45-121	
Bromomethane	2500	110 U	2390	96	26-136	
Carbon disulfide	2500	95 U	1870	75	54-144	
Carbon tetrachloride	2500	110 U	2620	105	65-129	
Chlorobenzene	2500	63 U	2390	96	72-120	
Dibromochloromethane	2500	110 U	2460	98	62-122	
Chloroethane	2500	80 U	2200	88	27-131	
Chloroform	2500	63 U	2560	102	73-121	
Chloromethane	2500	110 U	1980	79	39-134	
cis-1,2-Dichloroethene	2500	65 U	2370	95	66-124	
cis-1,3-Dichloropropene	2500	120 U	2250	90	60-120	
Dichlorodifluoromethane	2500	80 U	1870	75	14-137	
Bromodichloromethane	2500	73 U	2650	106	72-120	
Ethylbenzene	2500	63 U	2440	97	68-121	
Isopropylbenzene	2500	88 U	2380	95	61-122	
Methyl tert-butyl ether	2500	50 U	2520	101	61-121	
Methylene Chloride	2500	83 U	2350	94	70-124	
m-Xylene & p-Xylene	2500	150 J	2540	96	66-123	
o-Xylene	2500	72 J	2500	97	68-121	
Styrene	2500	110 U	2320	93	64-126	
Tetrachloroethene	2500	78 U	2450	98	59-125	
Toluene	2500	170 J	2380	88	72-122	
trans-1,2-Dichloroethene	2500	75 U	2340	94	72-125	
trans-1,3-Dichloropropene	2500	140 U	2330	93	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4417.D

Lab ID: 240-57564-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Trichloroethene	2500	55 U	2580	103	61-129	
Trichlorofluoromethane	2500	120 U	2020	81	49-133	
Vinyl chloride	2500	73 U	2040	81	44-122	
Xylenes, Total	5000	220 J	5040	96	67-122	
1,2-Dibromoethane	2500	80 U	2430	97	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4418.D

Lab ID: 240-57564-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	2500	2630	105	2	14	69-122	
1,1,2,2-Tetrachloroethane	2500	2220	89	4	18	61-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2160	87	15	35	44-140	
1,1-Dichloroethane	2500	2310	93	2	14	73-124	
1,1-Dichloroethene	2500	2090	84	4	24	67-124	
1,2,4-Trichlorobenzene	2500	2190	88	5	28	48-120	
1,2-Dibromo-3-Chloropropane	2500	2510	100	8	24	42-130	
1,2-Dichlorobenzene	2500	2370	95	3	15	67-118	
1,2-Dichloroethane	2500	2590	104	0	24	74-125	
1,2-Dichloropropane	2500	2330	93	7	15	73-122	
1,3-Dichlorobenzene	2500	2270	91	1	15	65-120	
1,4-Dichlorobenzene	2500	2330	93	2	16	66-120	
2-Butanone (MEK)	5000	12800	116	3	19	49-132	
2-Hexanone	5000	4330	87	3	27	49-142	
4-Methyl-2-pentanone (MIBK)	5000	5460	102	2	32	58-136	
Acetone	5000	18900	182	1	28	32-126	F1
Benzene	2500	2250	90	1	13	73-121	
Bromoform	2500	2490	99	1	19	45-121	
Bromomethane	2500	2400	96	0	35	26-136	
Carbon disulfide	2500	1920	77	3	34	54-144	
Carbon tetrachloride	2500	2790	111	6	20	65-129	
Chlorobenzene	2500	2400	96	1	15	72-120	
Dibromochloromethane	2500	2450	98	0	19	62-122	
Chloroethane	2500	2180	87	1	35	27-131	
Chloroform	2500	2580	103	1	17	73-121	
Chloromethane	2500	2060	82	4	20	39-134	
cis-1,2-Dichloroethene	2500	2420	97	2	22	66-124	
cis-1,3-Dichloropropene	2500	2330	93	4	21	60-120	
Dichlorodifluoromethane	2500	2230	89	18	34	14-137	
Bromodichloromethane	2500	2760	110	4	19	72-120	
Ethylbenzene	2500	2370	95	3	16	68-121	
Isopropylbenzene	2500	2400	96	1	20	61-122	
Methyl tert-butyl ether	2500	2570	103	2	12	61-121	
Methylene Chloride	2500	2330	93	1	14	70-124	
m-Xylene & p-Xylene	2500	2510	94	2	15	66-123	
o-Xylene	2500	2490	97	0	14	68-121	
Styrene	2500	2340	93	1	15	64-126	
Tetrachloroethene	2500	2490	100	2	20	59-125	
Toluene	2500	2430	91	2	15	72-122	
trans-1,2-Dichloroethene	2500	2400	96	3	25	72-125	
trans-1,3-Dichloropropene	2500	2310	92	1	22	58-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXC4418.D

Lab ID: 240-57564-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Trichloroethene	2500	2730	109	6	14	61-129	
Trichlorofluoromethane	2500	2240	90	10	25	49-133	
Vinyl chloride	2500	2050	82	1	35	44-122	
Xylenes, Total	5000	5000	96	1	14	67-122	
1,2-Dibromoethane	2500	2470	99	2	24	69-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14045.D BFB Injection Date: 08/13/2015

Instrument ID: A3UX14 BFB Injection Time: 13:54

Analysis Batch No.: 193150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.1)1
174	50.0 - 120.00 % of mass 95	70.4	
175	5.0 - 9.0 % of mass 174	5.1	(7.3)1
176	95.0 - 101.0 % of mass 174	67.7	(96.1)1
177	5.0 - 9.0 % of mass 176	4.5	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-193150/12	144576.D	08/13/2015	17:50
	IC 240-193150/13	144577.D	08/13/2015	18:11
	IC 240-193150/14	144578.D	08/13/2015	18:33
	IC 240-193150/15	144579.D	08/13/2015	18:54
	IC 240-193150/16	144580.D	08/13/2015	19:16
	IC 240-193150/17	144581.D	08/13/2015	19:37
	IC 240-193150/18	144582.D	08/13/2015	19:59
	IC 240-193150/19	144583.D	08/13/2015	20:20
	IC 240-193150/20	144584.D	08/13/2015	20:42

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-193150/20	144584.D
Level 2	IC 240-193150/19	144583.D
Level 3	IC 240-193150/18	144582.D
Level 4	IC 240-193150/17	144581.D
Level 5	IC 240-193150/16	144580.D
Level 6	IC 240-193150/15	144579.D
Level 7	IC 240-193150/14	144578.D
Level 8	IC 240-193150/13	144577.D
Level 9	IC 240-193150/12	144576.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0270 0.0217	0.0199 0.0226	0.0223 0.0219	0.0211 0.0222	0.0231	Ave		0.0224				8.8		15.0			
2-Chloro-1,3-butadiene	0.3946 0.4330	0.4036 0.4520	0.4843 0.4367	0.4330 0.4384	0.4314	Ave		0.4341				6.0		15.0			
Diisopropyl ether	0.1991 0.2087	0.1920 0.2170	0.2189 0.2067	0.2161 0.2066	0.2062	Ave		0.2079				4.2		15.0			
Ethyl t-butyl ether	0.8061 0.8145	0.8124 0.8609	0.8459 0.8423	0.8104 0.8475	0.7961	Ave		0.8262				2.8		15.0			
Ethyl acetate	0.2082 0.1555	0.1520 0.1600	0.1502 0.1572	0.1518 0.1578	0.1525	Ave		0.1606				11.3		15.0			
Propionitrile	0.0291 0.0267	0.0294 0.0281	0.0277 0.0272	0.0279 0.0272	0.0264	Ave		0.0278				3.7		15.0			
Methacrylonitrile	0.1071 0.1082	0.1056 0.1106	0.1086 0.1043	0.1077 0.1034	0.1075	Ave		0.1070				2.1		15.0			
Tert-amyl methyl ether	0.6617 0.6962	0.6767 0.7331	0.7307 0.7077	0.7151 0.7140	0.6826	Ave		0.7020				3.5		15.0			
n-Butanol	0.0138 0.0096	0.0095 0.0106	0.0097 0.0104	0.0114 0.0105	0.0089	Ave		0.0105				13.7		15.0			
Ethyl acrylate	0.2316 0.2216	0.2219 0.2309	0.2178 0.2294	0.2151 0.2318	0.2122	Ave		0.2236				3.4		15.0			
Methyl methacrylate	0.1524 0.1436	0.1363 0.1478	0.1383 0.1452	0.1404 0.1466	0.1384	Ave		0.1432				3.7		15.0			
2-Nitropropane	+++++ 0.0226	0.0209 0.0266	0.0198 0.0269	0.0195 0.0236	0.0194	Ave		0.0224				13.7		15.0			
n-Butyl acetate	+++++ 0.3716	+++++ 0.3944	0.4011 0.3902	0.3921 0.3867	0.3596	Ave		0.3851				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 193150

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/13/2015 17:50 Calibration End Date: 08/13/2015 20:42 Calibration ID: 30158

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Chlorohexane	0.4929 0.4383	0.4320 0.4614	0.4729 0.4436	0.4373 0.4435	0.4315	Ave		0.4504				4.7		15.0			
Cyclohexanone	0.0128 0.0108	0.0155 0.0119	0.0120 0.0114	0.0149 0.0114	0.0103	Ave		0.0123				14.4		15.0			
1,2,3-Trimethylbenzene	2.8189 3.0746	2.8992 3.2639	3.1500 3.1145	3.0040 3.0651	2.9168	Ave		3.0341				4.6		15.0			
1,3,5-Trichlorobenzene	1.1368 1.0908	1.0640 1.1383	1.1518 1.0486	1.1209 1.0391	1.0725	Ave		1.0959				3.9		15.0			
2-Methylnaphthalene	1.1258 1.2729	1.0980 1.4105	1.0984 1.2876	1.2519 1.2359	1.1966	Ave		1.2197				8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14070.D BFB Injection Date: 09/02/2015

Instrument ID: A3UX14 BFB Injection Time: 13:49

Analysis Batch No.: 196026

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.6	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	70.3	
175	5.0 - 9.0 % of mass 174	4.9	(7.0)1
176	95.0 - 101.0 % of mass 174	68.0	(96.8)1
177	5.0 - 9.0 % of mass 176	4.6	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-196026/3	144935.D	09/02/2015	14:32
	IC 240-196026/4	144936.D	09/02/2015	14:54
	IC 240-196026/5	144937.D	09/02/2015	15:15
	ICIS 240-196026/6	144938.D	09/02/2015	15:37
	IC 240-196026/7	144939.D	09/02/2015	15:58
	IC 240-196026/8	144940.D	09/02/2015	16:20
	IC 240-196026/9	144941.D	09/02/2015	16:41
	IC 240-196026/10	144942.D	09/02/2015	17:03
	IC 240-196026/11	144943.D	09/02/2015	17:24
	ICV 240-196026/13	144945.D	09/02/2015	18:07

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-196026/11	144943.D
Level 2	IC 240-196026/10	144942.D
Level 3	IC 240-196026/9	144941.D
Level 4	IC 240-196026/8	144940.D
Level 5	IC 240-196026/7	144939.D
Level 6	ICIS 240-196026/6	144938.D
Level 7	IC 240-196026/5	144937.D
Level 8	IC 240-196026/4	144936.D
Level 9	IC 240-196026/3	144935.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.2391	+++++ 0.2507	0.2470 0.2355	0.2306 0.2458	0.2468	Ave		0.2422			0.1000	3.0		15.0			
Chloromethane	0.3754 0.3823	0.4019 0.3850	0.3740 0.3707	0.3723 0.3714	0.3751	Ave		0.3787			0.1000	2.6		15.0			
Vinyl chloride	0.2535 0.2723	0.2872 0.2816	0.2779 0.2705	0.2715 0.2802	0.2773	Ave		0.2747			0.1000	3.5		15.0			
Butadiene	0.2421 0.3144	0.2898 0.3180	0.3006 0.3092	0.3016 0.3170	0.3102	Ave		0.3003				7.9		15.0			
Bromomethane	0.1681 0.1234	0.1376 +++++	0.1308 +++++	0.1354 +++++	0.1348	Ave		0.1383			0.0500	11.1		15.0			
Chloroethane	0.1729 0.1392	0.1452 0.1270	0.1461 +++++	0.1422 +++++	0.1409	Ave		0.1448				9.6		15.0			
Dichlorofluoromethane	0.3353 0.3214	0.3424 0.3238	0.3254 0.3013	0.3326 0.3083	0.3302	Ave		0.3245				4.0		15.0			
Trichlorofluoromethane	0.2372 0.3085	0.2496 0.3130	0.2776 0.2931	0.2862 0.3038	0.2978	Ave		0.2852			0.1000	9.2		15.0			
Ethyl ether	0.2263 0.1633	0.1893 0.1738	0.1892 0.1620	0.1718 0.1640	0.1839	Ave		0.1804				11.2		15.0			
Acrolein	0.0216 0.0171	0.0159 0.0175	0.0196 +++++	0.0166 +++++	0.0179	Ave		0.0180				10.9		15.0			
1,1-Dichloroethene	0.2079 0.2313	0.1781 0.2399	0.2268 0.2226	0.2292 0.2287	0.2305	Ave		0.2217			0.1000	8.3		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1337 0.1711	0.1398 0.1761	0.1720 0.1647	0.1739 0.1677	0.1631	Ave		0.1625			0.0500	9.4		15.0			
Acetone	+++++ 0.0712	+++++ 0.0711	0.1266 0.0622	0.0892 0.0631	0.0783	Lin1	0.6353	0.0626			0.0500				0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Iodomethane	0.3031 0.3309	0.3161 0.3401	0.3156 0.3166	0.3107 0.3246	0.3168	Ave		0.3194				3.4		15.0			
Carbon disulfide	+++++ 0.6938	+++++ 0.7470	0.5786 0.7111	0.6047 0.7368	0.6277	Ave		0.6714			0.1000	10.0		15.0			
3-Chloro-1-propene	+++++ 0.1475	+++++ 0.1563	0.1275 0.1460	0.1372 0.1497	0.1368	Ave		0.1430				6.8		15.0			
Methyl acetate	0.1615 0.1574	0.1594 0.1602	0.1513 0.1539	0.1584 0.1527	0.1554	Ave		0.1567			0.1000	2.3		15.0			
Methylene Chloride	+++++ 0.2588	+++++ 0.2535	0.5579 0.2285	0.3574 0.2329	0.3001	Lin1	1.5559	0.2263			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0223 0.0196	0.0192 0.0202	0.0186 0.0190	0.0196 0.0197	0.0203	Ave		0.0198				5.4		15.0			
trans-1,2-Dichloroethene	0.2358 0.2589	0.2329 0.2662	0.2511 0.2514	0.2599 0.2562	0.2510	Ave		0.2515			0.1000	4.3		15.0			
Methyl tert-butyl ether	0.5407 0.5781	0.5287 0.5970	0.5676 0.5608	0.5729 0.5665	0.5729	Ave		0.5650			0.1000	3.6		15.0			
Acrylonitrile	0.0788 0.0761	0.0771 0.0770	0.0752 0.0728	0.0765 0.0724	0.0759	Ave		0.0757				2.7		15.0			
Hexane	+++++ 0.0773	+++++ 0.0782	0.1040 0.0738	0.0811 0.0760	0.0806	Ave		0.0816				12.5		15.0			
1,1-Dichloroethane	0.4672 0.5014	0.4509 0.5208	0.4998 0.4916	0.4999 0.5087	0.4920	Ave		0.4925			0.1000	4.3		15.0			
Vinyl acetate	0.0241 0.0308	0.0166 0.0307	0.0238 +++++	0.0268 +++++	0.0267	Lin1	-0.018	0.0303							0.9970		0.9900
2,2-Dichloropropane	0.1821 0.2315	0.1870 0.2370	0.2083 0.2070	0.2175 0.2121	0.2141	Ave		0.2107				8.5		15.0			
cis-1,2-Dichloroethene	0.2557 0.2665	0.2545 0.2811	0.2602 0.2612	0.2694 0.2684	0.2713	Ave		0.2654			0.1000	3.2		15.0			
2-Butanone (MEK)	+++++ 0.0942	0.1118 0.0991	0.0952 0.0916	0.0894 0.0929	0.0959	Ave		0.0962			0.0500	7.2		15.0			
Bromochloromethane	0.0858 0.1003	0.0854 0.1062	0.0973 0.1000	0.0967 0.1004	0.0986	Ave		0.0967				7.1		15.0			
Tetrahydrofuran	+++++ 0.0638	0.0727 0.0652	0.0687 0.0628	0.0716 0.0619	0.0652	Ave		0.0665				6.1		15.0			
Chloroform	0.4109 0.3987	0.3844 0.4148	0.3916 0.3944	0.3857 0.4100	0.3904	Ave		0.3979				2.9		15.0			
1,1,1-Trichloroethane	0.2815 0.3335	0.2455 0.3520	0.3014 0.3288	0.3164 0.3392	0.3164	Ave		0.3127			0.1000	10.5		15.0			
Cyclohexane	0.5387 0.6083	0.4961 0.6348	0.6113 0.5854	0.6257 0.6043	0.6056	Ave		0.5900			0.1000	7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbon tetrachloride	0.1974 0.2765	0.2070 0.2949	0.2344 0.2806	0.2508 0.2887	0.2562	Ave		0.2541			0.1000	13.8		15.0			
1,1-Dichloropropene	+++++ 0.3352	+++++ 0.3502	0.3354 0.3258	0.3276 0.3378	0.3200	Ave		0.3331				3.0		15.0			
Benzene	0.9461 1.0076	0.9369 1.0637	0.9831 0.9992	1.0297 1.0364	0.9873	Ave		0.9989			0.5000	4.1		15.0			
Isobutyl alcohol	0.0079 0.0070	0.0073 0.0070	0.0070 0.0065	0.0074 0.0064	0.0078	Ave		0.0071				7.3		15.0			
1,2-Dichloroethane	0.2922 0.2806	0.2538 0.2902	0.2809 0.2746	0.2857 0.2775	0.2775	Ave		0.2792			0.1000	4.0		15.0			
n-Heptane	0.0495 0.0719	0.0549 0.0771	0.0671 0.0732	0.0733 0.0762	0.0704	Ave		0.0682				14.1		15.0			
Trichloroethene	0.2322 0.2352	0.1925 0.2515	0.2312 0.2339	0.2474 0.2400	0.2383	Ave		0.2336			0.2000	7.2		15.0			
Methylcyclohexane	0.3977 0.5007	0.4180 0.5258	0.5131 0.4892	0.4996 0.5023	0.4970	Ave		0.4826			0.1000	9.1		15.0			
1,2-Dichloropropane	0.2351 0.2464	0.2304 0.2703	0.2458 0.2552	0.2519 0.2638	0.2445	Ave		0.2493			0.1000	5.1		15.0			
Dibromomethane	0.1138 0.1049	0.0928 0.1099	0.1030 0.1045	0.0989 0.1052	0.1030	Ave		0.1040				5.7		15.0			
1,4-Dioxane	0.0016 0.0015	0.0018 0.0016	0.0017 0.0016	0.0016 0.0016	0.0018	Ave		0.0017				5.4		15.0			
Bromodichloromethane	+++++ 0.2583	+++++ 0.2789	0.2043 0.2740	0.2214 0.2839	0.2350	Ave		0.2508			0.1000	12.3		15.0			
2-Chloroethyl vinyl ether	0.0880 0.0981	0.0738 0.1047	0.0849 0.1021	0.0908 0.1040	0.0933	Ave		0.0933				10.9		15.0			
cis-1,3-Dichloropropene	+++++ 0.3137	+++++ 0.3452	0.2529 0.3385	0.2764 0.3487	0.2874	Ave		0.3090			0.1500	12.2		15.0			
4-Methyl-2-pentanone (MIBK)	0.3475 0.3097	0.3025 0.3146	0.3102 0.2962	0.3082 0.2899	0.3133	Ave		0.3102			0.0500	5.2		15.0			
Toluene	1.6889 1.6108	1.5730 1.6794	1.5789 1.5858	1.6326 1.6292	1.5722	Ave		1.6167			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	+++++ 0.3786	+++++ 0.4056	0.2981 0.3958	0.3438 0.4021	0.3521	Ave		0.3680			0.1000	10.6		15.0			
Ethyl methacrylate	0.3411 0.2949	0.2728 0.3134	0.2921 0.2986	0.3041 0.3000	0.2937	Ave		0.3012				6.1		15.0			
1,1,2-Trichloroethane	0.2387 0.2409	0.2020 0.2502	0.2341 0.2296	0.2342 0.2336	0.2367	Ave		0.2333			0.1000	5.6		15.0			
Tetrachloroethene	0.2604 0.2924	0.2503 0.3024	0.2921 0.2817	0.2907 0.2908	0.2885	Ave		0.2833			0.2000	6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.4985 0.4202	0.3942 0.4386	0.3932 0.4193	0.4331 0.4249	0.4155	Ave		0.4264				7.3		15.0			
2-Hexanone	0.2259 0.1948	0.2056 0.1966	0.2059 0.1806	0.2139 0.1792	0.2041	Ave		0.2007			0.0500	7.5		15.0			
Dibromochloromethane	+++++ 0.2379	0.1676 0.2584	0.1731 0.2529	0.1970 0.2554	0.2047	Lin1	-0.324	0.2543							0.9990		0.9900
1,2-Dibromoethane	0.1915 0.2254	0.1731 0.2352	0.2140 0.2225	0.2199 0.2231	0.2195	Ave		0.2138				9.0		15.0			
Chlorobenzene	0.8957 0.9330	0.9144 0.9681	0.9220 0.9247	0.9499 0.9450	0.9159	Ave		0.9298			0.3000	2.3		15.0			
1,1,1,2-Tetrachloroethane	0.2424 0.3183	0.2461 0.3292	0.2688 0.3070	0.2915 0.3071	0.3010	Ave		0.2902				10.7		15.0			
Ethylbenzene	0.4967 0.5429	0.5117 0.5557	0.5343 0.5186	0.5496 0.5291	0.5275	Ave		0.5296				3.5		15.0			
m-Xylene & p-Xylene	0.6493 0.6610	0.5935 0.6804	0.6630 0.6340	0.6529 0.6481	0.6392	Ave		0.6468				3.7		15.0			
o-Xylene	0.6484 0.6613	0.5588 0.6783	0.6201 0.6144	0.6581 0.6145	0.6575	Ave		0.6346				5.7		15.0			
Styrene	0.9630 0.9968	0.8800 1.0308	0.8828 0.9707	0.9401 0.9819	0.9540	Ave		0.9556			0.3000	5.2		15.0			
Bromoform	0.0617 0.1189	0.0736 0.1321	0.0749 0.1315	0.0937 0.1318	0.0977	Lin1	-0.136	0.1302			0.1000				0.9970		0.9900
Isopropylbenzene	1.6615 1.8186	1.5426 1.8815	1.7312 1.7266	1.7956 1.7460	1.7709	Ave		1.7416			0.1000	5.6		15.0			
Bromobenzene	0.7018 0.7269	0.6199 0.7522	0.6741 0.7263	0.7025 0.7372	0.6965	Ave		0.7042				5.6		15.0			
1,1,2,2-Tetrachloroethane	0.5544 0.6344	0.5565 0.6397	0.5491 0.6163	0.5930 0.5999	0.6184	Ave		0.5958			0.3000	5.9		15.0			
1,2,3-Trichloropropane	0.1905 0.1847	0.1628 0.1813	0.1632 0.1748	0.1767 0.1723	0.1805	Ave		0.1763				5.3		15.0			
trans-1,4-Dichloro-2-butene	0.2675 0.2192	0.1583 0.2222	0.1934 0.2263	0.2038 0.2273	0.2186	Ave		0.2152				13.7		15.0			
N-Propylbenzene	0.9746 1.0339	0.8541 1.0565	0.8793 1.0140	0.9898 1.0407	0.9489	Ave		0.9769				7.3		15.0			
2-Chlorotoluene	0.8414 0.8319	0.6742 0.8400	0.7804 0.8160	0.8063 0.8183	0.8038	Ave		0.8014				6.4		15.0			
1,3,5-Trimethylbenzene	2.7121 3.3648	2.7168 3.3834	2.9008 3.2276	3.1601 3.2885	3.1601	Ave		3.1016				8.4		15.0			
4-Chlorotoluene	0.8033 0.7833	0.7373 0.8244	0.7337 0.7938	0.7735 0.8011	0.7475	Ave		0.7776				4.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 196026

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/02/2015 14:32 Calibration End Date: 09/02/2015 17:24 Calibration ID: 30511

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
tert-Butylbenzene	2.3374 2.9631	2.4133 3.0556	2.6550 2.8376	2.8314 2.8634	2.8090	Ave		2.7518				8.7		15.0			
1,2,4-Trimethylbenzene	2.7336 3.2868	2.6205 3.3941	2.8875 3.2352	3.0975 3.2908	3.1820	Ave		3.0809				8.8		15.0			
sec-Butylbenzene	3.5842 4.5688	3.5902 4.6258	3.9612 4.3978	4.2686 4.4271	4.3250	Ave		4.1943				9.4		15.0			
1,3-Dichlorobenzene	1.4872 1.4944	1.4279 1.5057	1.4500 1.4639	1.4918 1.4763	1.4693	Ave		1.4741			0.6000	1.7		15.0			
p-Isopropyltoluene	2.6700 3.5326	2.7312 3.5868	3.1681 3.3752	3.3032 3.4312	3.3784	Ave		3.2418				10.2		15.0			
1,4-Dichlorobenzene	1.6796 1.4771	1.4525 1.4817	1.3997 1.4447	1.4789 1.4779	1.4661	Ave		1.4842			0.5000	5.2		15.0			
n-Butylbenzene	2.6703 3.3398	2.7947 3.4180	3.0393 3.3135	3.1433 3.3757	3.2352	Ave		3.1478				8.4		15.0			
1,2-Dichlorobenzene	1.5577 1.4312	1.4056 1.4532	1.3574 1.3836	1.4146 1.3837	1.4022	Ave		1.4210			0.4000	4.1		15.0			
1,2-Dibromo-3-Chloropropane	0.0691 0.0964	0.0727 0.1007	0.0775 0.1005	0.0817 0.0987	0.0866	Ave		0.0871			0.0500	14.3		15.0			
1,2,4-Trichlorobenzene	0.9903 0.9952	0.9066 0.9801	0.9495 0.9392	1.0303 0.9542	1.0144	Ave		0.9733			0.2000	4.0		15.0			
Hexachlorobutadiene	0.3960 0.5853	0.4364 0.5796	0.5790 0.5455	0.5879 0.5625	0.5837	Ave		0.5396				13.3		15.0			
Naphthalene	2.5487 2.3198	2.2039 2.2590	2.1592 2.1437	2.2755 2.0812	2.3749	Ave		2.2629				6.2		15.0			
1,2,3-Trichlorobenzene	0.9121 0.9513	0.9280 0.9117	0.9440 0.8603	0.9768 0.8520	0.9646	Ave		0.9223				4.7		15.0			
Dibromofluoromethane (Surr)	+++++ 0.2047	+++++ 0.2121	0.2454 0.1982	0.2289 0.2019	0.2161	Ave		0.2154				7.8		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2276	+++++ 0.2392	0.3027 0.2282	0.2781 0.2330	0.2521	Ave		0.2516				11.4		15.0			
Toluene-d8 (Surr)	+++++ 1.4443	+++++ 1.4774	1.8704 1.3884	1.6510 1.4120	1.5274	Ave		1.5387				11.1		15.0			
4-Bromofluorobenzene (Surr)	+++++ 1.0832	+++++ 1.0727	1.4341 1.0549	1.2044 1.0662	1.1169	Ave		1.1475				11.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2902	0.1000	0.0240	0.0200	19.8	20.0
Chloromethane	Ave	0.3787	0.4264	0.1000	0.0225	0.0200	12.6	20.0
Vinyl chloride	Ave	0.2747	0.2991	0.1000	0.0218	0.0200	8.9	20.0
Butadiene	Ave	0.3003	0.3280		0.0218	0.0200	9.2	20.0
Bromomethane	Ave	0.1383	0.1509	0.0500	0.0218	0.0200	9.1	20.0
Chloroethane	Ave	0.1448	0.1548	0.0500	0.0214	0.0200	6.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3543		0.0218	0.0200	9.2	20.0
Trichlorofluoromethane	Ave	0.2852	0.3259	0.1000	0.0229	0.0200	14.3	20.0
Ethyl ether	Ave	0.1804	0.2164		0.0240	0.0200	19.9	20.0
Acrolein	Ave	0.0180	0.0235		0.130	0.100	30.4*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2411	0.1000	0.0218	0.0200	8.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1744	0.0500	0.0215	0.0200	7.4	20.0
Acetone	Lin1		0.0867	0.0500	0.0453	0.0400	13.2	20.0
Iodomethane	Ave	0.3194	0.3613		0.0226	0.0200	13.1	20.0
Carbon disulfide	Ave	0.6714	0.6482	0.1000	0.0193	0.0200	-3.4	20.0
3-Chloro-1-propene	Ave	0.1430	0.1394		0.0195	0.0200	-2.5	20.0
Methyl acetate	Ave	0.1567	0.1835	0.1000	0.117	0.100	17.1	20.0
Methylene Chloride	Lin1		0.3235	0.1000	0.0217	0.0200	8.6	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0221		0.223	0.200	11.3	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2789	0.1000	0.0222	0.0200	10.9	20.0
Methyl tert-butyl ether	Ave	0.5650	0.6276	0.1000	0.0222	0.0200	11.1	20.0
Acrylonitrile	Ave	0.0757	0.0862		0.228	0.200	13.8	20.0
Hexane	Ave	0.0816	0.0814		0.0200	0.0200	-0.1	20.0
1,1-Dichloroethane	Ave	0.4925	0.5567	0.1000	0.0226	0.0200	13.0	20.0
Vinyl acetate	Lin1		0.0217		0.0149	0.0200	-25.6*	20.0
2,2-Dichloropropane	Ave	0.2107	0.2260		0.0214	0.0200	7.2	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2924	0.1000	0.0220	0.0200	10.2	20.0
2-Butanone (MEK)	Ave	0.0962	0.1043	0.0500	0.0433	0.0400	8.4	20.0
Bromochloromethane	Ave	0.0967	0.1063		0.0220	0.0200	9.9	20.0
Tetrahydrofuran	Ave	0.0665	0.0705		0.0424	0.0400	6.0	20.0
Chloroform	Ave	0.3979	0.4367	0.2000	0.0219	0.0200	9.7	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3465	0.1000	0.0222	0.0200	10.8	20.0
Cyclohexane	Ave	0.5900	0.6590	0.1000	0.0223	0.0200	11.7	20.0
Carbon tetrachloride	Ave	0.2541	0.2901	0.1000	0.0228	0.0200	14.2	20.0
1,1-Dichloropropene	Ave	0.3331	0.3884		0.0233	0.0200	16.6	20.0
Benzene	Ave	0.999	1.113	0.5000	0.0223	0.0200	11.4	20.0
Isobutyl alcohol	Ave	0.0071	0.0082		0.573	0.500	14.6	20.0
1,2-Dichloroethane	Ave	0.2792	0.3100	0.1000	0.0222	0.0200	11.0	20.0
n-Heptane	Ave	0.0682	0.0773		0.0227	0.0200	13.4	20.0
Trichloroethene	Ave	0.2336	0.2694	0.2000	0.0231	0.0200	15.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5370	0.1000	0.0223	0.0200	11.3	20.0
1,2-Dichloropropane	Ave	0.2493	0.2803	0.1000	0.0225	0.0200	12.5	20.0
Dibromomethane	Ave	0.1040	0.1205		0.0232	0.0200	15.9	20.0
1,4-Dioxane	Ave	0.0017	0.0019		0.462	0.400	15.4	20.0
Bromodichloromethane	Ave	0.2508	0.2588	0.1000	0.0206	0.0200	3.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.1063		0.0228	0.0200	14.0	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3296	0.1500	0.0213	0.0200	6.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.3490	0.0500	0.0450	0.0400	12.5	20.0
Toluene	Ave	1.617	1.748	0.4000	0.0216	0.0200	8.1	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.4131	0.1000	0.0224	0.0200	12.2	20.0
Ethyl methacrylate	Ave	0.3012	0.3245		0.0215	0.0200	7.7	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2665	0.1000	0.0228	0.0200	14.2	20.0
Tetrachloroethene	Ave	0.2833	0.3198	0.2000	0.0226	0.0200	12.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.4668		0.0219	0.0200	9.5	20.0
2-Hexanone	Ave	0.2007	0.2198	0.0500	0.0438	0.0400	9.5	20.0
Dibromochloromethane	Lin1		0.2290		0.0193	0.0200	-3.6	20.0
1,2-Dibromoethane	Ave	0.2138	0.2523		0.0236	0.0200	18.0	20.0
Chlorobenzene	Ave	0.9298	1.009	0.3000	0.0217	0.0200	8.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3344		0.0231	0.0200	15.3	20.0
Ethylbenzene	Ave	0.5296	0.5798		0.0219	0.0200	9.5	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6849		0.0212	0.0200	5.9	20.0
o-Xylene	Ave	0.6346	0.7209		0.0227	0.0200	13.6	20.0
Styrene	Ave	0.9556	0.9735	0.3000	0.0204	0.0200	1.9	20.0
Bromoform	Lin1		0.1061	0.1000	0.0173	0.0200	-13.4	20.0
Isopropylbenzene	Ave	1.742	1.946	0.1000	0.0223	0.0200	11.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.6826	0.3000	0.0229	0.0200	14.6	20.0
Bromobenzene	Ave	0.7042	0.7858		0.0223	0.0200	11.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.2024		0.0230	0.0200	14.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.2320		0.0216	0.0200	7.8	20.0
N-Propylbenzene	Ave	0.9769	1.052		0.0215	0.0200	7.7	20.0
2-Chlorotoluene	Ave	0.8014	0.8578		0.0214	0.0200	7.0	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.417		0.0220	0.0200	10.2	20.0
4-Chlorotoluene	Ave	0.7776	0.8277		0.0213	0.0200	6.5	20.0
tert-Butylbenzene	Ave	2.752	3.074		0.0223	0.0200	11.7	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.372		0.0219	0.0200	9.5	20.0
sec-Butylbenzene	Ave	4.194	4.751		0.0227	0.0200	13.3	20.0
1,3-Dichlorobenzene	Ave	1.474	1.583	0.6000	0.0215	0.0200	7.4	20.0
p-Isopropyltoluene	Ave	3.242	3.585		0.0221	0.0200	10.6	20.0
1,4-Dichlorobenzene	Ave	1.484	1.542	0.5000	0.0208	0.0200	3.9	20.0
n-Butylbenzene	Ave	3.148	3.388		0.0215	0.0200	7.6	20.0
1,2-Dichlorobenzene	Ave	1.421	1.521	0.4000	0.0214	0.0200	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-196026/13 Calibration Date: 09/02/2015 18:07

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 144945.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0879	0.0500	0.0202	0.0200	0.9	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9859	0.2000	0.0203	0.0200	1.3	20.0
Hexachlorobutadiene	Ave	0.5396	0.6222		0.0231	0.0200	15.3	20.0
Naphthalene	Ave	2.263	2.304		0.0204	0.0200	1.8	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.9287		0.0201	0.0200	0.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2054		0.0477	0.0500	-4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2368		0.0471	0.0500	-5.9	20.0
Toluene-d8 (Surr)	Ave	1.539	1.437		0.0467	0.0500	-6.6	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.045		0.0455	0.0500	-8.9	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14128.D BFB Injection Date: 11/10/2015

Instrument ID: A3UX14 BFB Injection Time: 10:04

Analysis Batch No.: 206051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	75.8	
175	5.0 - 9.0 % of mass 174	5.4	(7.1)1
176	95.0 - 101.0 % of mass 174	73.3	(96.7)1
177	5.0 - 9.0 % of mass 176	4.8	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206051/3	146325.D	11/10/2015	10:47
	CCV 240-206051/4	146326.D	11/10/2015	11:08
	LCS 240-206051/5	146327.D	11/10/2015	11:30
	MB 240-206089/1-A	146331.D	11/10/2015	12:56
F-VB-UST-1-14	240-57597-1	146336.D	11/10/2015	14:43
F-VB-UST-2-14	240-57597-2	146337.D	11/10/2015	15:05
F-VB-UST-3-14	240-57597-3	146338.D	11/10/2015	15:26
F-VB-UST-4-14	240-57597-4	146339.D	11/10/2015	15:48
F-VB-UST-5-14	240-57597-5	146340.D	11/10/2015	16:09
F-VB-UST-5-14 MS	240-57597-5 MS	146341.D	11/10/2015	16:30
F-VB-UST-5-14 MSD	240-57597-5 MSD	146342.D	11/10/2015	16:52
F-VB-UST-6-14	240-57597-6	146343.D	11/10/2015	17:13
F-VB-UST-7-14	240-57597-7	146344.D	11/10/2015	17:35
F-VB-UST-8-14	240-57597-8	146345.D	11/10/2015	17:56
F-VB-UST-9-14	240-57597-9	146346.D	11/10/2015	18:18
F-VB-UST-10-14	240-57597-10	146347.D	11/10/2015	18:39
F-VB-UST-11-14	240-57597-11	146348.D	11/10/2015	19:01
F-VB-UST-12-14	240-57597-12	146349.D	11/10/2015	19:22
F-VB-UST-13-14	240-57597-13	146350.D	11/10/2015	19:44
F-VB-UST-14-14	240-57597-14	146351.D	11/10/2015	20:05

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.3028	0.1000	0.0250	0.0200	25.0*	20.0
Chloromethane	Ave	0.3787	0.3469	0.1000	0.0183	0.0200	-8.4	20.0
Vinyl chloride	Ave	0.2747	0.2618	0.1000	0.0191	0.0200	-4.7	20.0
Butadiene	Ave	0.3003	0.2963		0.0197	0.0200	-1.3	20.0
Bromomethane	Ave	0.1383	0.1443	0.0500	0.0209	0.0200	4.3	20.0
Chloroethane	Ave	0.1448	0.1576	0.0500	0.0218	0.0200	8.9	20.0
Dichlorofluoromethane	Ave	0.3245	0.3591		0.0221	0.0200	10.7	20.0
Trichlorofluoromethane	Ave	0.2852	0.3576	0.1000	0.0251	0.0200	25.4*	20.0
Ethyl ether	Ave	0.1804	0.1677		0.0465	0.0500	-7.0	20.0
Acrolein	Ave	0.0180	0.0143		0.199	0.250	-20.5*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2482	0.1000	0.0560	0.0500	12.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1959	0.0500	0.0603	0.0500	20.6*	20.0
Acetone	Lin1		0.0643	0.0500	0.0926	0.100	-7.4	20.0
Iodomethane	Ave	0.3194	0.3367		0.0527	0.0500	5.4	20.0
Carbon disulfide	Ave	0.6714	0.6672	0.1000	0.0497	0.0500	-0.6	20.0
3-Chloro-1-propene	Ave	0.1430	0.1423		0.0497	0.0500	-0.5	20.0
Methyl acetate	Ave	0.1567	0.1298	0.1000	0.207	0.250	-17.2	20.0
Methylene Chloride	Lin1		0.2547	0.1000	0.0494	0.0500	-1.2	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0165		0.415	0.500	-17.1	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2656	0.1000	0.0528	0.0500	5.6	20.0
Methyl tert-butyl ether	Ave	0.5650	0.5586	0.1000	0.0494	0.0500	-1.1	20.0
Acrylonitrile	Ave	0.0757	0.0653		0.431	0.500	-13.8	20.0
Hexane	Ave	0.0816	0.0754		0.0462	0.0500	-7.5	20.0
1,1-Dichloroethane	Ave	0.4925	0.4861	0.1000	0.0493	0.0500	-1.3	20.0
Vinyl acetate	Lin1		0.0338		0.0562	0.0500	12.4	20.0
2,2-Dichloropropane	Ave	0.2107	0.2815		0.0668	0.0500	33.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2800	0.1000	0.0528	0.0500	5.5	20.0
2-Butanone (MEK)	Ave	0.0962	0.0843	0.0500	0.0876	0.100	-12.4	20.0
Bromochloromethane	Ave	0.0967	0.1095		0.0566	0.0500	13.2	20.0
Tetrahydrofuran	Ave	0.0665	0.0555		0.0835	0.100	-16.5	20.0
Chloroform	Ave	0.3979	0.4268	0.2000	0.0536	0.0500	7.3	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3856	0.1000	0.0616	0.0500	23.3*	20.0
Cyclohexane	Ave	0.5900	0.5511	0.1000	0.0467	0.0500	-6.6	20.0
Carbon tetrachloride	Ave	0.2541	0.3080	0.1000	0.0606	0.0500	21.2*	20.0
1,1-Dichloropropene	Ave	0.3331	0.3407		0.0511	0.0500	2.3	20.0
Benzene	Ave	0.999	1.002	0.5000	0.0502	0.0500	0.3	20.0
Isobutyl alcohol	Ave	0.0071	0.0058		1.02	1.25	-18.5	20.0
1,2-Dichloroethane	Ave	0.2792	0.2827	0.1000	0.0506	0.0500	1.2	20.0
n-Heptane	Ave	0.0682	0.0764		0.0560	0.0500	12.1	20.0
Trichloroethene	Ave	0.2336	0.2579	0.2000	0.0552	0.0500	10.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.5136	0.1000	0.0532	0.0500	6.4	20.0
1,2-Dichloropropane	Ave	0.2493	0.2442	0.1000	0.0490	0.0500	-2.0	20.0
Dibromomethane	Ave	0.1040	0.1112		0.0535	0.0500	6.9	20.0
1,4-Dioxane	Ave	0.0017	0.0017		1.03	1.00	3.3	20.0
Bromodichloromethane	Ave	0.2508	0.2740	0.1000	0.0546	0.0500	9.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0821		0.0880	0.100	-12.0	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.3112	0.1500	0.0504	0.0500	0.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2676	0.0500	0.0863	0.100	-13.7	20.0
Toluene	Ave	1.617	1.728	0.4000	0.0534	0.0500	6.9	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3806	0.1000	0.0517	0.0500	3.4	20.0
Ethyl methacrylate	Ave	0.3012	0.2921		0.0485	0.0500	-3.0	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2582	0.1000	0.0553	0.0500	10.6	20.0
Tetrachloroethene	Ave	0.2833	0.3043	0.2000	0.0537	0.0500	7.4	20.0
1,3-Dichloropropane	Ave	0.4264	0.4318		0.0506	0.0500	1.3	20.0
2-Hexanone	Ave	0.2007	0.1769	0.0500	0.0881	0.100	-11.9	20.0
Dibromochloromethane	Lin1		0.2579		0.0520	0.0500	3.9	20.0
1,2-Dibromoethane	Ave	0.2138	0.2359		0.0552	0.0500	10.3	20.0
Chlorobenzene	Ave	0.9298	0.9905	0.3000	0.0533	0.0500	6.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3234		0.0557	0.0500	11.5	20.0
Ethylbenzene	Ave	0.5296	0.5533		0.0522	0.0500	4.5	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6818		0.0527	0.0500	5.4	20.0
o-Xylene	Ave	0.6346	0.6810		0.0537	0.0500	7.3	20.0
Styrene	Ave	0.9556	1.032	0.3000	0.0540	0.0500	8.0	20.0
Bromoform	Lin1		0.1280	0.1000	0.0502	0.0500	0.3	20.0
Isopropylbenzene	Ave	1.742	1.907	0.1000	0.0547	0.0500	9.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.6150	0.3000	0.0516	0.0500	3.2	20.0
Bromobenzene	Ave	0.7042	0.7856		0.0558	0.0500	11.6	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1912		0.0542	0.0500	8.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1899		0.0441	0.0500	-11.8	20.0
N-Propylbenzene	Ave	0.9769	1.061		0.0543	0.0500	8.6	20.0
2-Chlorotoluene	Ave	0.8014	0.8759		0.0546	0.0500	9.3	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.395		0.0547	0.0500	9.5	20.0
4-Chlorotoluene	Ave	0.7776	0.8372		0.0538	0.0500	7.7	20.0
tert-Butylbenzene	Ave	2.752	3.033		0.0551	0.0500	10.2	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.382		0.0549	0.0500	9.8	20.0
sec-Butylbenzene	Ave	4.194	4.534		0.0540	0.0500	8.1	20.0
1,3-Dichlorobenzene	Ave	1.474	1.485	0.6000	0.0504	0.0500	0.7	20.0
p-Isopropyltoluene	Ave	3.242	3.675		0.0567	0.0500	13.4	20.0
1,4-Dichlorobenzene	Ave	1.484	1.475	0.5000	0.0497	0.0500	-0.6	20.0
n-Butylbenzene	Ave	3.148	3.476		0.0552	0.0500	10.4	20.0
1,2-Dichlorobenzene	Ave	1.421	1.407	0.4000	0.0495	0.0500	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206051/3 Calibration Date: 11/10/2015 10:47

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146325.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0936	0.0500	0.0537	0.0500	7.4	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	1.040	0.2000	0.0534	0.0500	6.8	20.0
Hexachlorobutadiene	Ave	0.5396	0.6133		0.0568	0.0500	13.7	20.0
Naphthalene	Ave	2.263	2.099		0.0464	0.0500	-7.2	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.9394		0.0509	0.0500	1.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2257		0.0524	0.0500	4.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2552		0.0507	0.0500	1.5	20.0
Toluene-d8 (Surr)	Ave	1.539	1.542		0.0501	0.0500	0.2	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.068		0.0465	0.0500	-7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206051/4 Calibration Date: 11/10/2015 11:08

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146326.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0216		0.481	0.500	-3.7	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4643		0.0535	0.0500	7.0	20.0
Diisopropyl ether	Ave	0.2079	0.2164		0.0520	0.0500	4.1	20.0
Ethyl t-butyl ether	Ave	0.8262	0.7658		0.0463	0.0500	-7.3	20.0
Ethyl acetate	Ave	0.1606	0.1374		0.0855	0.100	-14.5	20.0
Propionitrile	Ave	0.0278	0.0233		0.420	0.500	-16.0	20.0
Methacrylonitrile	Ave	0.1070	0.1039		0.486	0.500	-2.9	20.0
Tert-amyl methyl ether	Ave	0.7020	0.6252		0.0445	0.0500	-10.9	20.0
n-Butanol	Ave	0.0105	0.0071		0.846	1.25	-32.4*	20.0
Methyl methacrylate	Ave	0.1432	0.1329		0.0928	0.100	-7.2	20.0
2-Nitropropane	Ave	0.0224	0.0235		0.105	0.100	4.8	20.0
1-Chlorohexane	Ave	0.4504	0.5066		0.0562	0.0500	12.5	20.0
Cyclohexanone	Ave	0.0123	0.0082		0.334	0.500	-33.3*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.484		0.0574	0.0500	14.8	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.298		0.0592	0.0500	18.4	20.0
2-Methylnaphthalene	Ave	1.220	1.397		0.115	0.100	14.5	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB14129.D BFB Injection Date: 11/11/2015

Instrument ID: A3UX14 BFB Injection Time: 09:51

Analysis Batch No.: 206267

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.6	
175	5.0 - 9.0 % of mass 174	5.9	(7.7)1
176	95.0 - 101.0 % of mass 174	73.1	(95.3)1
177	5.0 - 9.0 % of mass 176	4.5	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206267/3	146358.D	11/11/2015	10:39
	CCV 240-206267/4	146359.D	11/11/2015	11:00
	LCS 240-206267/5	146360.D	11/11/2015	11:22
	MB 240-206267/6	146361.D	11/11/2015	11:43
F-VB-UST-DUP	240-57597-15	146365.D	11/11/2015	13:09
F-VB-UST-DUP MS	240-57597-15 MS	146366.D	11/11/2015	13:31
F-VB-UST-DUP MSD	240-57597-15 MSD	146367.D	11/11/2015	13:52

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2422	0.2811	0.1000	0.0232	0.0200	16.0	20.0
Chloromethane	Ave	0.3787	0.3232	0.1000	0.0171	0.0200	-14.6	20.0
Vinyl chloride	Ave	0.2747	0.2526	0.1000	0.0184	0.0200	-8.0	20.0
Butadiene	Ave	0.3003	0.2846		0.0190	0.0200	-5.2	20.0
Bromomethane	Ave	0.1383	0.1381	0.0500	0.0200	0.0200	-0.2	20.0
Chloroethane	Ave	0.1448	0.1525	0.0500	0.0211	0.0200	5.3	20.0
Dichlorofluoromethane	Ave	0.3245	0.3469		0.0214	0.0200	6.9	20.0
Trichlorofluoromethane	Ave	0.2852	0.3317	0.1000	0.0233	0.0200	16.3	20.0
Ethyl ether	Ave	0.1804	0.1573		0.0436	0.0500	-12.8	20.0
Acrolein	Ave	0.0180	0.0124		0.172	0.250	-31.2*	20.0
1,1-Dichloroethene	Ave	0.2217	0.2132	0.1000	0.0481	0.0500	-3.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1625	0.1832	0.0500	0.0564	0.0500	12.8	20.0
Acetone	Lin1		0.0558	0.0500	0.0790	0.100	-21.0*	20.0
Iodomethane	Ave	0.3194	0.3184		0.0499	0.0500	-0.3	20.0
Carbon disulfide	Ave	0.6714	0.6540	0.1000	0.0487	0.0500	-2.6	20.0
3-Chloro-1-propene	Ave	0.1430	0.1337		0.0467	0.0500	-6.5	20.0
Methyl acetate	Ave	0.1567	0.1142	0.1000	0.182	0.250	-27.1*	20.0
Methylene Chloride	Lin1		0.2445	0.1000	0.0472	0.0500	-5.7	20.0
tert-Butyl alcohol (TBA)	Ave	0.0198	0.0143		0.359	0.500	-28.2*	20.0
trans-1,2-Dichloroethene	Ave	0.2515	0.2557	0.1000	0.0508	0.0500	1.7	20.0
Methyl tert-butyl ether	Ave	0.5650	0.5068	0.1000	0.0448	0.0500	-10.3	20.0
Acrylonitrile	Ave	0.0757	0.0582		0.384	0.500	-23.1*	20.0
Hexane	Ave	0.0816	0.0688		0.0422	0.0500	-15.6	20.0
1,1-Dichloroethane	Ave	0.4925	0.4603	0.1000	0.0467	0.0500	-6.5	20.0
Vinyl acetate	Lin1		0.0268		0.0448	0.0500	-10.4	20.0
2,2-Dichloropropane	Ave	0.2107	0.2606		0.0618	0.0500	23.7*	20.0
cis-1,2-Dichloroethene	Ave	0.2654	0.2665	0.1000	0.0502	0.0500	0.4	20.0
2-Butanone (MEK)	Ave	0.0962	0.0686	0.0500	0.0713	0.100	-28.7*	20.0
Bromochloromethane	Ave	0.0967	0.1012		0.0523	0.0500	4.6	20.0
Tetrahydrofuran	Ave	0.0665	0.0474		0.0713	0.100	-28.7*	20.0
Chloroform	Ave	0.3979	0.4075	0.2000	0.0512	0.0500	2.4	20.0
1,1,1-Trichloroethane	Ave	0.3127	0.3691	0.1000	0.0590	0.0500	18.0	20.0
Cyclohexane	Ave	0.5900	0.5303	0.1000	0.0449	0.0500	-10.1	20.0
Carbon tetrachloride	Ave	0.2541	0.2972	0.1000	0.0585	0.0500	17.0	20.0
1,1-Dichloropropene	Ave	0.3331	0.3194		0.0479	0.0500	-4.1	20.0
Benzene	Ave	0.999	0.9482	0.5000	0.0475	0.0500	-5.1	20.0
Isobutyl alcohol	Ave	0.0071	0.0050		0.873	1.25	-30.2*	20.0
1,2-Dichloroethane	Ave	0.2792	0.2670	0.1000	0.0478	0.0500	-4.4	20.0
n-Heptane	Ave	0.0682	0.0690		0.0506	0.0500	1.2	20.0
Trichloroethene	Ave	0.2336	0.2428	0.2000	0.0520	0.0500	4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4826	0.4880	0.1000	0.0506	0.0500	1.1	20.0
1,2-Dichloropropane	Ave	0.2493	0.2230	0.1000	0.0447	0.0500	-10.5	20.0
Dibromomethane	Ave	0.1040	0.1015		0.0488	0.0500	-2.4	20.0
1,4-Dioxane	Ave	0.0017	0.0013		0.789	1.00	-21.1*	20.0
Bromodichloromethane	Ave	0.2508	0.2514	0.1000	0.0501	0.0500	0.2	20.0
2-Chloroethyl vinyl ether	Ave	0.0933	0.0673		0.0721	0.100	-27.9*	20.0
cis-1,3-Dichloropropene	Ave	0.3090	0.2735	0.1500	0.0443	0.0500	-11.5	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3102	0.2327	0.0500	0.0750	0.100	-25.0*	20.0
Toluene	Ave	1.617	1.639	0.4000	0.0507	0.0500	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.3680	0.3380	0.1000	0.0459	0.0500	-8.2	20.0
Ethyl methacrylate	Ave	0.3012	0.2523		0.0419	0.0500	-16.2	20.0
1,1,2-Trichloroethane	Ave	0.2333	0.2322	0.1000	0.0498	0.0500	-0.5	20.0
Tetrachloroethene	Ave	0.2833	0.2858	0.2000	0.0505	0.0500	0.9	20.0
1,3-Dichloropropane	Ave	0.4264	0.3916		0.0459	0.0500	-8.2	20.0
2-Hexanone	Ave	0.2007	0.1471	0.0500	0.0733	0.100	-26.7*	20.0
Dibromochloromethane	Lin1		0.2357		0.0476	0.0500	-4.8	20.0
1,2-Dibromoethane	Ave	0.2138	0.2082		0.0487	0.0500	-2.6	20.0
Chlorobenzene	Ave	0.9298	0.9062	0.3000	0.0487	0.0500	-2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2902	0.3043		0.0524	0.0500	4.9	20.0
Ethylbenzene	Ave	0.5296	0.5106		0.0482	0.0500	-3.6	20.0
m-Xylene & p-Xylene	Ave	0.6468	0.6472		0.0500	0.0500	0.0	20.0
o-Xylene	Ave	0.6346	0.6427		0.0506	0.0500	1.3	20.0
Styrene	Ave	0.9556	0.9588	0.3000	0.0502	0.0500	0.3	20.0
Bromoform	Lin1		0.1101	0.1000	0.0433	0.0500	-13.4	20.0
Isopropylbenzene	Ave	1.742	1.827	0.1000	0.0524	0.0500	4.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5958	0.5674	0.3000	0.0476	0.0500	-4.8	20.0
Bromobenzene	Ave	0.7042	0.7254		0.0515	0.0500	3.0	20.0
1,2,3-Trichloropropane	Ave	0.1763	0.1674		0.0475	0.0500	-5.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2152	0.1618		0.0376	0.0500	-24.8*	20.0
N-Propylbenzene	Ave	0.9769	1.026		0.0525	0.0500	5.0	20.0
2-Chlorotoluene	Ave	0.8014	0.8181		0.0510	0.0500	2.1	20.0
1,3,5-Trimethylbenzene	Ave	3.102	3.275		0.0528	0.0500	5.6	20.0
4-Chlorotoluene	Ave	0.7776	0.7791		0.0501	0.0500	0.2	20.0
tert-Butylbenzene	Ave	2.752	2.911		0.0529	0.0500	5.8	20.0
1,2,4-Trimethylbenzene	Ave	3.081	3.208		0.0521	0.0500	4.1	20.0
sec-Butylbenzene	Ave	4.194	4.345		0.0518	0.0500	3.6	20.0
1,3-Dichlorobenzene	Ave	1.474	1.377	0.6000	0.0467	0.0500	-6.6	20.0
p-Isopropyltoluene	Ave	3.242	3.491		0.0538	0.0500	7.7	20.0
1,4-Dichlorobenzene	Ave	1.484	1.348	0.5000	0.0454	0.0500	-9.2	20.0
n-Butylbenzene	Ave	3.148	3.277		0.0520	0.0500	4.1	20.0
1,2-Dichlorobenzene	Ave	1.421	1.338	0.4000	0.0471	0.0500	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206267/3 Calibration Date: 11/11/2015 10:39

Instrument ID: A3UX14 Calib Start Date: 09/02/2015 14:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/02/2015 17:24

Lab File ID: 146358.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.0871	0.0827	0.0500	0.0475	0.0500	-5.1	20.0
1,2,4-Trichlorobenzene	Ave	0.9733	0.9676	0.2000	0.0497	0.0500	-0.6	20.0
Hexachlorobutadiene	Ave	0.5396	0.5669		0.0525	0.0500	5.1	20.0
Naphthalene	Ave	2.263	1.925		0.0425	0.0500	-14.9	20.0
1,2,3-Trichlorobenzene	Ave	0.9223	0.8905		0.0483	0.0500	-3.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2154	0.2264		0.0526	0.0500	5.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2516	0.2478		0.0493	0.0500	-1.5	20.0
Toluene-d8 (Surr)	Ave	1.539	1.561		0.0507	0.0500	1.5	20.0
4-Bromofluorobenzene (Surr)	Ave	1.147	1.030		0.0449	0.0500	-10.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206267/4 Calibration Date: 11/11/2015 11:00

Instrument ID: A3UX14 Calib Start Date: 08/13/2015 17:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/13/2015 20:42

Lab File ID: 146359.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0224	0.0212		0.473	0.500	-5.3	20.0
2-Chloro-1,3-butadiene	Ave	0.4341	0.4417		0.0509	0.0500	1.7	20.0
Diisopropyl ether	Ave	0.2079	0.2137		0.0514	0.0500	2.8	20.0
Ethyl t-butyl ether	Ave	0.8262	0.7386		0.0447	0.0500	-10.6	20.0
Ethyl acetate	Ave	0.1606	0.1311		0.0817	0.100	-18.3	20.0
Propionitrile	Ave	0.0278	0.0225		0.405	0.500	-18.9	20.0
Methacrylonitrile	Ave	0.1070	0.1032		0.482	0.500	-3.5	20.0
Tert-amyl methyl ether	Ave	0.7020	0.6097		0.0434	0.0500	-13.1	20.0
n-Butanol	Ave	0.0105	0.0072		0.856	1.25	-31.5*	20.0
Methyl methacrylate	Ave	0.1432	0.1282		0.0895	0.100	-10.5	20.0
2-Nitropropane	Ave	0.0224	0.0219		0.0976	0.100	-2.4	20.0
1-Chlorohexane	Ave	0.4504	0.4749		0.0527	0.0500	5.5	20.0
Cyclohexanone	Ave	0.0123	0.0087		0.353	0.500	-29.3*	20.0
1,2,3-Trimethylbenzene	Ave	3.034	3.431		0.0565	0.0500	13.1	20.0
1,3,5-Trichlorobenzene	Ave	1.096	1.271		0.0580	0.0500	16.0	20.0
2-Methylnaphthalene	Ave	1.220	1.395		0.114	0.100	14.4	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB460.D BFB Injection Date: 10/28/2015

Instrument ID: A3UX15 BFB Injection Time: 12:37

Analysis Batch No.: 204067

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.7	(0.9)1
174	50.0 - 120.00 % of mass 95	73.2	
175	5.0 - 9.0 % of mass 174	5.2	(7.1)1
176	95.0 - 101.0 % of mass 174	70.9	(96.9)1
177	5.0 - 9.0 % of mass 176	4.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-204067/2	UXC3824A.D	10/28/2015	13:05
	STD8260 240-204067/3	UXC3825A.D	10/28/2015	13:28
	STD8260 240-204067/4	UXC3826A.D	10/28/2015	13:51
	STD8260 240-204067/5	UXC3827A.D	10/28/2015	14:13
	STD8260 240-204067/6	UXC3828A.D	10/28/2015	14:36
	STD8260 240-204067/7	UXC3829A.D	10/28/2015	14:59
	ICV 240-204067/14	UXC3830.D	10/28/2015	15:21
	STD 240-204067/8	UXC3831.D	10/28/2015	15:44
	STD 240-204067/9	UXC3832.D	10/28/2015	16:06
	STD 240-204067/10	UXC3833.D	10/28/2015	16:29
	STD 240-204067/11	UXC3834.D	10/28/2015	16:52
	STD 240-204067/12	UXC3835.D	10/28/2015	17:14
	STD 240-204067/13	UXC3836.D	10/28/2015	17:37
	ICV 240-204067/15	UXC3837.D	10/28/2015	18:00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-204067/7	UXC3829A.D
Level 2	STD8260 240-204067/6	UXC3828A.D
Level 3	STD8260 240-204067/5	UXC3827A.D
Level 4	STD8260 240-204067/4	UXC3826A.D
Level 5	STD8260 240-204067/3	UXC3825A.D
Level 6	STD8260 240-204067/2	UXC3824A.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3763 0.4630	0.3685	0.4347	0.4095	0.4415	Ave		0.4156			0.1000	9.1		15.0			
Chloromethane	0.3134 0.3006	0.2822	0.3097	0.2949	0.3057	Ave		0.3011			0.1000	3.8		15.0			
Vinyl chloride	0.3653 0.3315	0.3066	0.3371	0.3133	0.3248	Ave		0.3298			0.1000	6.3		15.0			
Butadiene	0.3149 0.2921	0.2799	0.2958	0.2812	0.2944	Ave		0.2931				4.3		15.0			
Bromomethane	0.1768 0.1785	0.1856	0.1888	0.1677	0.1766	Ave		0.1790			0.0500	4.2		15.0			
Chloroethane	0.2170 0.1827	0.1810	0.1946	0.1792	0.1864	Ave		0.1902				7.5		15.0			
Dichlorofluoromethane	0.5491 0.5336	0.5008	0.5423	0.5081	0.5307	Ave		0.5274				3.6		15.0			
Trichlorofluoromethane	0.4290 0.5156	0.4293	0.4745	0.4580	0.4761	Ave		0.4637			0.1000	7.1		15.0			
Ethyl ether	0.2524 0.2058	0.2022	0.2174	0.2184	0.2166	Ave		0.2188				8.1		15.0			
Acrolein	0.0194 0.0208	0.0195	0.0213	0.0216	0.0207	Ave		0.0206				4.5		15.0			
1,1-Dichloroethene	0.3192 0.3103	0.3026	0.3175	0.3087	0.3189	Ave		0.3129			0.1000	2.2		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2468 0.2655	0.2417	0.2611	0.2571	0.2662	Ave		0.2564			0.0500	3.9		15.0			
Acetone	0.1494 0.0756	0.1046	0.0806	0.0779	0.0760	Lin1	0.1360	0.0728			0.0500				0.9990		0.9900
Iodomethane	0.4808 0.4866	0.4808	0.4981	0.4871	0.4948	Ave		0.4880				1.5		15.0			
Carbon disulfide	0.8042 0.9355	0.7777	0.8325	0.8658	0.9300	Ave		0.8576			0.1000	7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1574 0.1826	0.1531	0.1725	0.1821	0.1872	Ave		0.1725				8.3		15.0			
Methyl acetate	0.1529 0.1529	0.1449	0.1499	0.1485	0.1560	Ave		0.1509			0.1000	2.6		15.0			
Methylene Chloride	0.6600 0.3263	0.4591	0.4025	0.3526	0.3465	Lin1	0.3272	0.3223			0.1000				0.9990		0.9900
tert-Butyl alcohol (TBA)	0.0126 0.0126	0.0137	0.0130	0.0136	0.0145	Ave		0.0133				5.5		15.0			
Methyl tert-butyl ether	0.7083 0.8027	0.7349	0.7554	0.7782	0.8151	Ave		0.7657			0.1000	5.3		15.0			
trans-1,2-Dichloroethene	0.3546 0.3362	0.3350	0.3511	0.3434	0.3491	Ave		0.3449			0.1000	2.3		15.0			
Acrylonitrile	0.0807 0.0839	0.0777	0.0809	0.0821	0.0849	Ave		0.0817				3.1		15.0			
Hexane	0.0897 0.0895	0.0775	0.0959	0.0883	0.0933	Ave		0.0890				7.1		15.0			
1,1-Dichloroethane	0.6004 0.5990	0.5656	0.6055	0.5988	0.6163	Ave		0.5976			0.1000	2.9		15.0			
Vinyl acetate	0.2891 0.3663	0.2933	0.3167	0.3246	0.3559	Ave		0.3243				9.8		15.0			
2,2-Dichloropropane	0.2966 0.3299	0.3036	0.3180	0.3379	0.3501	Ave		0.3227				6.4		15.0			
cis-1,2-Dichloroethene	0.3967 0.3605	0.3546	0.3747	0.3635	0.3760	Ave		0.3710			0.1000	4.1		15.0			
2-Butanone (MEK)	0.0890 0.0927	0.0889	0.0877	0.0928	0.0965	Ave		0.0913			0.0500	3.7		15.0			
Bromochloromethane	0.1697 0.1681	0.1526	0.1693	0.1646	0.1743	Ave		0.1664				4.5		15.0			
Tetrahydrofuran	0.0551 0.0522	0.0497	0.0500	0.0514	0.0520	Ave		0.0518				3.7		15.0			
Chloroform	0.6342 0.6461	0.6330	0.6483	0.6338	0.6635	Ave		0.6432				1.9		15.0			
1,1,1-Trichloroethane	0.4416 0.5089	0.4542	0.4774	0.5040	0.5219	Ave		0.4847			0.1000	6.6		15.0			
Cyclohexane	0.5510 0.5788	0.5254	0.5645	0.5688	0.5952	Ave		0.5639			0.1000	4.3		15.0			
Carbon tetrachloride	0.3590 0.4615	0.3535	0.4034	0.4258	0.4608	Ave		0.4107			0.1000	11.6		15.0			
1,1-Dichloropropene	0.4475 0.4891	0.4505	0.4742	0.4878	0.4988	Ave		0.4747				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	0.0045 0.0052	0.0043	0.0050	0.0051	0.0054	Ave		0.0049				8.3		15.0			
Benzene	1.4285 1.4410	1.3752	1.3957	1.3924	1.4478	Ave		1.4134			0.5000	2.1		15.0			
1,2-Dichloroethane	0.5642 0.5505	0.5164	0.5367	0.5384	0.5567	Ave		0.5438			0.1000	3.1		15.0			
n-Heptane	0.0744 0.0875	0.0820	0.0810	0.0857	0.0897	Ave		0.0834				6.6		15.0			
Trichloroethene	0.3624 0.3674	0.3397	0.3792	0.3617	0.3763	Ave		0.3644			0.2000	3.9		15.0			
Methylcyclohexane	0.5343 0.5582	0.5050	0.5318	0.5510	0.5699	Ave		0.5417			0.1000	4.3		15.0			
1,2-Dichloropropane	0.2971 0.3003	0.2855	0.3021	0.2932	0.3103	Ave		0.2981			0.1000	2.8		15.0			
Dibromomethane	0.1762 0.1826	0.1628	0.1757	0.1777	0.1863	Ave		0.1769				4.5		15.0			
1,4-Dioxane	0.0027 0.0022	0.0028	0.0024	0.0026	0.0028	Ave		0.0026				9.4		15.0			
Bromodichloromethane	0.3493 0.4531	0.3322	0.3819	0.4022	0.4403	Ave		0.3932			0.1000	12.3		15.0			
2-Chloroethyl vinyl ether	0.1365 0.1714	0.1411	0.1536	0.1565	0.1661	Ave		0.1542				8.8		15.0			
cis-1,3-Dichloropropene	0.3364 0.4977	0.3567	0.4034	0.4277	0.4767	Lin1	-0.234	0.4896			0.1500				0.9970		0.9900
4-Methyl-2-pentanone (MIBK)	0.1433 0.1852	0.1446	0.1677	0.1669	0.1802	Ave		0.1647			0.0500	10.6		15.0			
Toluene	1.9429 2.0302	1.8468	1.9605	1.9532	2.0824	Ave		1.9693			0.4000	4.1		15.0			
trans-1,3-Dichloropropene	0.3301 0.5505	0.3500	0.4184	0.4518	0.5264	Lin1	-0.328	0.5405			0.1000				0.9960		0.9900
Ethyl methacrylate	0.2971 0.4364	0.3159	0.3628	0.3705	0.4242	Lin1	-0.201	0.4307							0.9970		0.9900
1,1,2-Trichloroethane	0.3319 0.3389	0.3188	0.3304	0.3242	0.3461	Ave		0.3317			0.1000	3.0		15.0			
Tetrachloroethene	0.3571 0.3590	0.3460	0.3546	0.3549	0.3728	Ave		0.3574			0.2000	2.5		15.0			
1,3-Dichloropropane	0.6595 0.6405	0.6138	0.6291	0.6236	0.6430	Ave		0.6349				2.5		15.0			
2-Hexanone	0.1368 0.1734	0.1326	0.1431	0.1652	0.1705	Ave		0.1536			0.0500	11.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2548 0.3871	0.2497	0.2924	0.3190	0.3650	Lin1	-0.213	0.3778							0.9950		0.9900
1,2-Dibromoethane	0.3173 0.3432	0.2888	0.3287	0.3283	0.3440	Ave		0.3251				6.3		15.0			
Chlorobenzene	1.3001 1.3022	1.2131	1.2671	1.2315	1.2845	Ave		1.2664			0.3000	2.9		15.0			
1,1,1,2-Tetrachloroethane	0.3166 0.4285	0.3268	0.3688	0.3781	0.4230	Ave		0.3736				12.5		15.0			
Ethylbenzene	0.6139 0.6752	0.6272	0.6531	0.6630	0.6854	Ave		0.6530				4.2		15.0			
m-Xylene & p-Xylene	1.6840 1.8801	1.6715	1.7805	1.7879	1.9286	Ave		1.7888				5.7		15.0			
o-Xylene	0.7577 0.8160	0.7146	0.8018	0.7672	0.8323	Ave		0.7816				5.6		15.0			
Styrene	1.2019 1.5179	1.2259	1.3763	1.3604	1.4960	Ave		1.3631			0.3000	9.7		15.0			
Bromoform	0.1273 0.1961	0.1074	0.1343	0.1474	0.1793	Lin1	-0.127	0.1882			0.1000				0.9900		0.9900
Isopropylbenzene	1.9913 2.0593	1.9528	2.1800	2.1276	2.3334	Ave		2.1074			0.1000	6.6		15.0			
Bromobenzene	0.9480 0.9172	0.8989	0.9318	0.9579	0.9573	Ave		0.9352				2.5		15.0			
1,1,2,2-Tetrachloroethane	0.6367 0.6917	0.6612	0.6532	0.6916	0.6953	Ave		0.6716			0.3000	3.7		15.0			
1,2,3-Trichloropropane	0.2311 0.2455	0.2233	0.2502	0.2524	0.2593	Ave		0.2436				5.6		15.0			
trans-1,4-Dichloro-2-butene	0.1847 0.2273	0.1712	0.1873	0.2097	0.2190	Ave		0.1999				11.0		15.0			
N-Propylbenzene	0.9712 1.0332	0.9264	1.0226	1.0490	1.0539	Ave		1.0094				5.0		15.0			
2-Chlorotoluene	0.8756 0.8951	0.8629	0.9068	0.9045	0.9220	Ave		0.8945				2.4		15.0			
1,3,5-Trimethylbenzene	2.9650 3.6195	3.0996	3.3535	3.4351	3.5925	Ave		3.3442				7.9		15.0			
4-Chlorotoluene	3.4227 3.5911	3.2938	3.4666	3.4283	3.5772	Ave		3.4633				3.2		15.0			
tert-Butylbenzene	2.6379 3.0255	2.5257	2.7206	2.8657	2.9264	Ave		2.7836				6.8		15.0			
1,2,4-Trimethylbenzene	3.2473 3.3932	3.1596	3.5475	3.6375	3.7459	Ave		3.4552				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 13:05 Calibration End Date: 10/28/2015 14:59 Calibration ID: 31159

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.5593 3.6545	3.5760	3.8326	3.9468	4.1043	Ave		3.7789				5.8		15.0			
1,3-Dichlorobenzene	1.9172 1.8494	1.7772	1.8392	1.8390	1.8648	Ave		1.8478			0.6000	2.4		15.0			
p-Isopropyltoluene	3.1956 3.3525	3.2534	3.4587	3.6196	3.7475	Ave		3.4379				6.2		15.0			
1,4-Dichlorobenzene	2.0031 1.8854	1.9004	1.8823	1.8816	1.9099	Ave		1.9104			0.5000	2.4		15.0			
n-Butylbenzene	2.6219 3.0543	2.5547	2.7935	2.9524	3.0366	Ave		2.8356				7.5		15.0			
1,2-Dichlorobenzene	1.8119 1.7466	1.7372	1.7233	1.7882	1.7748	Ave		1.7637			0.4000	1.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0810 0.1175	0.0782	0.0887	0.1005	0.1127	Lin1	-0.061	0.1154			0.0500				0.9960		0.9900
1,2,4-Trichlorobenzene	1.2025 1.1327	1.0994	1.1644	1.1753	1.1939	Ave		1.1614			0.2000	3.4		15.0			
Hexachlorobutadiene	0.5980 0.4967	0.5848	0.5440	0.5646	0.5659	Ave		0.5590				6.4		15.0			
Naphthalene	2.1201 2.7163	2.2108	2.4032	2.6263	2.8052	Ave		2.4803				11.3		15.0			
1,2,3-Trichlorobenzene	1.1193 0.9977	0.9897	1.0555	1.0704	1.0863	Ave		1.0532				4.8		15.0			
Dibromofluoromethane (Surr)	0.3005 0.3229	0.3208	0.3302	0.3349	0.3342	Ave		0.3239				4.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4565 0.4542	0.4715	0.4518	0.4649	0.4642	Ave		0.4605				1.6		15.0			
Toluene-d8 (Surr)	1.7070 1.8254	1.7324	1.7232	1.7818	1.8396	Ave		1.7682				3.2		15.0			
4-Bromofluorobenzene (Surr)	0.6725 0.6778	0.6451	0.6646	0.6672	0.6928	Ave		0.6700				2.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-204067/13	UXC3836.D
Level 2	STD 240-204067/12	UXC3835.D
Level 3	STD 240-204067/11	UXC3834.D
Level 4	STD 240-204067/10	UXC3833.D
Level 5	STD 240-204067/9	UXC3832.D
Level 6	STD 240-204067/8	UXC3831.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0252 0.0219	0.0212	0.0233	0.0227	0.0226	Ave		0.0228				6.0		15.0			
Diisopropyl ether	0.2683 0.2949	0.2607	0.2786	0.2899	0.2896	Ave		0.2803				4.8		15.0			
2-Chloro-1,3-butadiene	0.5072 0.5586	0.4581	0.5204	0.5317	0.5354	Ave		0.5186				6.6		15.0			
Ethyl t-butyl ether	0.7639 0.8817	0.7574	0.8038	0.8303	0.8343	Ave		0.8119				5.8		15.0			
Ethyl acetate	0.1723 0.1688	0.1526	0.1659	0.1628	0.1640	Ave		0.1644				4.1		15.0			
Propionitrile	0.0300 0.0295	0.0271	0.0298	0.0298	0.0295	Ave		0.0293				3.7		15.0			
Methacrylonitrile	0.1341 0.1392	0.1230	0.1302	0.1352	0.1327	Ave		0.1324				4.2		15.0			
Tert-amyl methyl ether	0.6054 0.7084	0.5887	0.6367	0.6663	0.6719	Ave		0.6462				6.9		15.0			
n-Butanol	0.0033 0.0038	0.0033	0.0034	0.0036	0.0038	Ave		0.0035				6.7		15.0			
Ethyl acrylate	0.2445 0.2717	0.2373	0.2318	0.2579	0.2659	Ave		0.2515				6.4		15.0			
Methyl methacrylate	0.1740 0.2003	0.1580	0.1764	0.1847	0.1885	Ave		0.1803				8.0		15.0			
2-Nitropropane	0.0283 0.0326	0.0236	0.0254	0.0265	0.0282	Ave		0.0274				11.3		15.0			
n-Butyl acetate	0.2122 0.2685	0.2003	0.2057	0.2348	0.2498	Ave		0.2286				11.8		15.0			
1-Chlorohexane	0.4981 0.5513	0.4815	0.5004	0.5112	0.5405	Ave		0.5138				5.2		15.0			
Cyclohexanone	0.0101 0.0133	0.0128	0.0128	0.0134	0.0144	Ave		0.0128				11.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204067

SDG No.:

Instrument ID: A3UX15 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/28/2015 15:44 Calibration End Date: 10/28/2015 17:37 Calibration ID: 31161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	3.2126 3.7399	3.1433	3.4898	3.6396	3.7890	Ave		3.5024				7.8		15.0			
1,3,5-Trichlorobenzene	1.2561 1.2723	1.2439	1.2909	1.2690	1.3139	Ave		1.2743				2.0		15.0			
2-Methylnaphthalene	1.1675 1.4101	1.2466	1.4182	1.5971	1.7053	Ave		1.4241				14.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4156	0.4225	0.1000	0.0102	0.0100	1.7	20.0
Chloromethane	Ave	0.3011	0.3110	0.1000	0.0103	0.0100	3.3	20.0
Vinyl chloride	Ave	0.3298	0.3307	0.1000	0.0100	0.0100	0.3	20.0
Butadiene	Ave	0.2931	0.2931		0.0100	0.0100	0.0	20.0
Bromomethane	Ave	0.1790	0.1830	0.0500	0.0102	0.0100	2.2	20.0
Chloroethane	Ave	0.1902	0.1873	0.0500	0.00985	0.0100	-1.5	20.0
Dichlorofluoromethane	Ave	0.5274	0.5397		0.0102	0.0100	2.3	20.0
Trichlorofluoromethane	Ave	0.4637	0.4802	0.1000	0.0104	0.0100	3.5	20.0
Ethyl ether	Ave	0.2188	0.2222		0.0102	0.0100	1.6	20.0
Acrolein	Ave	0.0206	0.0213		0.0519	0.0500	3.7	20.0
1,1-Dichloroethene	Ave	0.3129	0.3193	0.1000	0.0102	0.0100	2.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2564	0.2516	0.0500	0.00981	0.0100	-1.9	20.0
Acetone	Lin1		0.0720	0.0500	0.0179	0.0200	-10.4	20.0
Iodomethane	Ave	0.4880	0.5249		0.0108	0.0100	7.6	20.0
Carbon disulfide	Ave	0.8576	0.9130	0.1000	0.0106	0.0100	6.5	20.0
3-Chloro-1-propene	Ave	0.1725	0.1700		0.00986	0.0100	-1.4	20.0
Methyl acetate	Ave	0.1509	0.1547	0.1000	0.0513	0.0500	2.5	20.0
Methylene Chloride	Lin1		0.3809	0.1000	0.0108	0.0100	8.1	20.0
tert-Butyl alcohol (TBA)	Ave	0.0133	0.0127		0.0952	0.100	-4.8	20.0
Methyl tert-butyl ether	Ave	0.7657	0.8017	0.1000	0.0105	0.0100	4.7	20.0
Acrylonitrile	Ave	0.0817	0.0848		0.104	0.100	3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3449	0.3632	0.1000	0.0105	0.0100	5.3	20.0
Hexane	Ave	0.0890	0.0954		0.0107	0.0100	7.2	20.0
1,1-Dichloroethane	Ave	0.5976	0.6462	0.1000	0.0108	0.0100	8.1	20.0
Vinyl acetate	Ave	0.3243	0.3397		0.0105	0.0100	4.7	20.0
2,2-Dichloropropane	Ave	0.3227	0.3284		0.0102	0.0100	1.8	20.0
cis-1,2-Dichloroethene	Ave	0.3710	0.3792	0.1000	0.0102	0.0100	2.2	20.0
2-Butanone (MEK)	Ave	0.0913	0.0904	0.0500	0.0198	0.0200	-0.9	20.0
Bromochloromethane	Ave	0.1664	0.1732		0.0104	0.0100	4.1	20.0
Tetrahydrofuran	Ave	0.0518	0.0521		0.0201	0.0200	0.6	20.0
Chloroform	Ave	0.6432	0.6593	0.2000	0.0103	0.0100	2.5	20.0
1,1,1-Trichloroethane	Ave	0.4847	0.5200	0.1000	0.0107	0.0100	7.3	20.0
Cyclohexane	Ave	0.5639	0.5858	0.1000	0.0104	0.0100	3.9	20.0
Carbon tetrachloride	Ave	0.4107	0.4418	0.1000	0.0108	0.0100	7.6	20.0
1,1-Dichloropropene	Ave	0.4747	0.5316		0.0112	0.0100	12.0	20.0
Isobutyl alcohol	Ave	0.0049	0.0048		0.240	0.250	-3.8	20.0
Benzene	Ave	1.413	1.418	0.5000	0.0100	0.0100	0.3	20.0
1,2-Dichloroethane	Ave	0.5438	0.5527	0.1000	0.0102	0.0100	1.6	20.0
n-Heptane	Ave	0.0834	0.0834		0.0100	0.0100	0.0	20.0
Trichloroethene	Ave	0.3644	0.3846	0.2000	0.0106	0.0100	5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5417	0.5577	0.1000	0.0103	0.0100	2.9	20.0
1,2-Dichloropropane	Ave	0.2981	0.3108	0.1000	0.0104	0.0100	4.3	20.0
Dibromomethane	Ave	0.1769	0.1801		0.0102	0.0100	1.8	20.0
1,4-Dioxane	Ave	0.0026	0.0022		0.173	0.200	-13.3	20.0
Bromodichloromethane	Ave	0.3932	0.3997	0.1000	0.0102	0.0100	1.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1542	0.1535		0.00995	0.0100	-0.5	20.0
cis-1,3-Dichloropropene	Lin1		0.4542	0.1500	0.00976	0.0100	-2.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1647	0.1659	0.0500	0.0201	0.0200	0.7	20.0
Toluene	Ave	1.969	2.020	0.4000	0.0103	0.0100	2.6	20.0
trans-1,3-Dichloropropene	Lin1		0.4894	0.1000	0.00966	0.0100	-3.4	20.0
Ethyl methacrylate	Lin1		0.3989		0.00973	0.0100	-2.7	20.0
1,1,2-Trichloroethane	Ave	0.3317	0.3345	0.1000	0.0101	0.0100	0.8	20.0
Tetrachloroethene	Ave	0.3574	0.3694	0.2000	0.0103	0.0100	3.4	20.0
1,3-Dichloropropane	Ave	0.6349	0.6136		0.00966	0.0100	-3.4	20.0
2-Hexanone	Ave	0.1536	0.1464	0.0500	0.0191	0.0200	-4.7	20.0
Dibromochloromethane	Lin1		0.3187		0.00900	0.0100	-10.0	20.0
1,2-Dibromoethane	Ave	0.3251	0.3340		0.0103	0.0100	2.7	20.0
Chlorobenzene	Ave	1.266	1.274	0.3000	0.0101	0.0100	0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3736	0.3910		0.0105	0.0100	4.6	20.0
Ethylbenzene	Ave	0.6530	0.6716		0.0103	0.0100	2.9	20.0
m-Xylene & p-Xylene	Ave	1.789	1.810		0.0101	0.0100	1.2	20.0
o-Xylene	Ave	0.7816	0.8009		0.0102	0.0100	2.5	20.0
Styrene	Ave	1.363	1.339	0.3000	0.00982	0.0100	-1.8	20.0
Bromoform	Lin1		0.1536	0.1000	0.00884	0.0100	-11.6	20.0
Isopropylbenzene	Ave	2.107	2.197	0.1000	0.0104	0.0100	4.3	20.0
Bromobenzene	Ave	0.9352	0.9714		0.0104	0.0100	3.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6716	0.6952	0.3000	0.0104	0.0100	3.5	20.0
1,2,3-Trichloropropane	Ave	0.2436	0.2556		0.0105	0.0100	4.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1999	0.2133		0.0107	0.0100	6.7	20.0
N-Propylbenzene	Ave	1.009	1.078		0.0107	0.0100	6.8	20.0
2-Chlorotoluene	Ave	0.8945	0.9279		0.0104	0.0100	3.7	20.0
1,3,5-Trimethylbenzene	Ave	3.344	3.567		0.0107	0.0100	6.7	20.0
4-Chlorotoluene	Ave	3.463	3.593		0.0104	0.0100	3.7	20.0
tert-Butylbenzene	Ave	2.784	2.904		0.0104	0.0100	4.3	20.0
1,2,4-Trimethylbenzene	Ave	3.455	3.643		0.0105	0.0100	5.4	20.0
sec-Butylbenzene	Ave	3.779	3.924		0.0104	0.0100	3.8	20.0
1,3-Dichlorobenzene	Ave	1.848	1.859	0.6000	0.0101	0.0100	0.6	20.0
p-Isopropyltoluene	Ave	3.438	3.575		0.0104	0.0100	4.0	20.0
1,4-Dichlorobenzene	Ave	1.910	1.909	0.5000	0.00999	0.0100	-0.0	20.0
n-Butylbenzene	Ave	2.836	2.887		0.0102	0.0100	1.8	20.0
1,2-Dichlorobenzene	Ave	1.764	1.756	0.4000	0.00996	0.0100	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/14 Calibration Date: 10/28/2015 15:21

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC3830.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0997	0.0500	0.00916	0.0100	-8.4	20.0
1,2,4-Trichlorobenzene	Ave	1.161	1.106	0.2000	0.00952	0.0100	-4.8	20.0
Hexachlorobutadiene	Ave	0.5590	0.5093		0.00911	0.0100	-8.9	20.0
Naphthalene	Ave	2.480	2.519		0.0102	0.0100	1.6	20.0
1,2,3-Trichlorobenzene	Ave	1.053	1.024		0.00972	0.0100	-2.8	20.0
Dibromofluoromethane (Surr)	Ave	0.3239	0.3161		0.00715	0.00733	-2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4605	0.4381		0.00697	0.00733	-4.9	20.0
Toluene-d8 (Surr)	Ave	1.768	1.697		0.00704	0.00733	-4.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6700	0.6795		0.00744	0.00733	1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204067/15 Calibration Date: 10/28/2015 18:00

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 15:44

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 17:37

Lab File ID: UXC3837.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0228	0.0226		0.0993	0.100	-0.7	20.0
Diisopropyl ether	Ave	0.2803	0.2896		0.0103	0.0100	3.3	20.0
2-Chloro-1,3-butadiene	Ave	0.5186	0.5418		0.0104	0.0100	4.5	20.0
Ethyl t-butyl ether	Ave	0.8119	0.8342		0.0103	0.0100	2.7	20.0
Ethyl acetate	Ave	0.1644	0.1655		0.0201	0.0200	0.7	20.0
Propionitrile	Ave	0.0293	0.0301		0.103	0.100	2.7	20.0
Methacrylonitrile	Ave	0.1324	0.1374		0.104	0.100	3.8	20.0
Tert-amyl methyl ether	Ave	0.6462	0.6564		0.0102	0.0100	1.6	20.0
n-Butanol	Ave	0.0035	0.0031		0.219	0.250	-12.3	20.0
Methyl methacrylate	Ave	0.1803	0.1875		0.0208	0.0200	4.0	20.0
2-Nitropropane	Ave	0.0274	0.0237		0.0173	0.0200	-13.7	20.0
1-Chlorohexane	Ave	0.5138	0.5158		0.0100	0.0100	0.4	20.0
Cyclohexanone	Ave	0.0128	0.0120		0.0933	0.100	-6.7	20.0
1,2,3-Trimethylbenzene	Ave	3.502	3.574		0.0102	0.0100	2.0	20.0
1,3,5-Trichlorobenzene	Ave	1.274	1.242		0.00974	0.0100	-2.6	20.0
2-Methylnaphthalene	Ave	1.424	1.167		0.0164	0.0200	-18.1	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: BFB472.D BFB Injection Date: 11/12/2015

Instrument ID: A3UX15 BFB Injection Time: 10:14

Analysis Batch No.: 206461

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	53.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	5.8	(7.3)1
176	95.0 - 101.0 % of mass 174	78.1	(97.7)1
177	5.0 - 9.0 % of mass 176	5.2	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-206461/2	UXC4392.D	11/12/2015	10:41
	LCS 240-206461/4	UXC4393.D	11/12/2015	11:03
	CCV 240-206461/3	UXC4394.D	11/12/2015	11:26
	MB 240-206461/6	UXC4396.D	11/12/2015	12:11
TB-110515	240-57597-16	UXC4397.D	11/12/2015	12:33
	240-57564-B-1 MS	UXC4417.D	11/12/2015	20:05
	240-57564-B-1 MSD	UXC4418.D	11/12/2015	20:27

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4156	0.4748	0.1000	0.0114	0.0100	14.3	20.0
Chloromethane	Ave	0.3011	0.2531	0.1000	0.00841	0.0100	-15.9	20.0
Vinyl chloride	Ave	0.3298	0.2842	0.1000	0.00862	0.0100	-13.8	20.0
Butadiene	Ave	0.2931	0.2523		0.00861	0.0100	-13.9	20.0
Bromomethane	Ave	0.1790	0.1968	0.0500	0.0110	0.0100	10.0	20.0
Chloroethane	Ave	0.1902	0.1836	0.0500	0.00965	0.0100	-3.5	20.0
Dichlorofluoromethane	Ave	0.5274	0.5573		0.0106	0.0100	5.7	20.0
Trichlorofluoromethane	Ave	0.4637	0.4470	0.1000	0.00964	0.0100	-3.6	20.0
Ethyl ether	Ave	0.2188	0.1979		0.00905	0.0100	-9.5	20.0
Acrolein	Ave	0.0206	0.0157		0.0381	0.0500	-23.9*	20.0
1,1-Dichloroethene	Ave	0.3129	0.3099	0.1000	0.00990	0.0100	-1.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2564	0.2706	0.0500	0.0106	0.0100	5.5	20.0
Acetone	Lin1		0.0764	0.0500	0.0191	0.0200	-4.3	20.0
Iodomethane	Ave	0.4880	0.5373		0.0110	0.0100	10.1	20.0
Carbon disulfide	Ave	0.8576	0.8155	0.1000	0.00951	0.0100	-4.9	20.0
3-Chloro-1-propene	Ave	0.1725	0.1609		0.00933	0.0100	-6.7	20.0
Methyl acetate	Ave	0.1509	0.1291	0.1000	0.0428	0.0500	-14.4	20.0
Methylene Chloride	Lin1		0.3455	0.1000	0.00970	0.0100	-3.0	20.0
tert-Butyl alcohol (TBA)	Ave	0.0133	0.0120		0.0900	0.100	-10.0	20.0
Methyl tert-butyl ether	Ave	0.7657	0.7865	0.1000	0.0103	0.0100	2.7	20.0
trans-1,2-Dichloroethene	Ave	0.3449	0.3440	0.1000	0.00998	0.0100	-0.2	20.0
Acrylonitrile	Ave	0.0817	0.0722		0.0883	0.100	-11.7	20.0
Hexane	Ave	0.0890	0.0821		0.00922	0.0100	-7.8	20.0
1,1-Dichloroethane	Ave	0.5976	0.5650	0.1000	0.00945	0.0100	-5.5	20.0
Vinyl acetate	Ave	0.3243	0.3339		0.0103	0.0100	2.9	20.0
2,2-Dichloropropane	Ave	0.3227	0.3420		0.0106	0.0100	6.0	20.0
cis-1,2-Dichloroethene	Ave	0.3710	0.3555	0.1000	0.00958	0.0100	-4.2	20.0
2-Butanone (MEK)	Ave	0.0913	0.0782	0.0500	0.0171	0.0200	-14.3	20.0
Bromochloromethane	Ave	0.1664	0.1838		0.0110	0.0100	10.5	20.0
Tetrahydrofuran	Ave	0.0518	0.0467		0.0181	0.0200	-9.7	20.0
Chloroform	Ave	0.6432	0.6727	0.2000	0.0105	0.0100	4.6	20.0
1,1,1-Trichloroethane	Ave	0.4847	0.5235	0.1000	0.0108	0.0100	8.0	20.0
Cyclohexane	Ave	0.5639	0.4901	0.1000	0.00869	0.0100	-13.1	20.0
1,1-Dichloropropene	Ave	0.4747	0.4704		0.00991	0.0100	-0.9	20.0
Carbon tetrachloride	Ave	0.4107	0.4780	0.1000	0.0116	0.0100	16.4	20.0
Isobutyl alcohol	Ave	0.0049	0.0045		0.228	0.250	-8.9	20.0
Benzene	Ave	1.413	1.334	0.5000	0.00944	0.0100	-5.6	20.0
1,2-Dichloroethane	Ave	0.5438	0.5731	0.1000	0.0105	0.0100	5.4	20.0
n-Heptane	Ave	0.0834	0.0828		0.00993	0.0100	-0.7	20.0
Trichloroethene	Ave	0.3644	0.3950	0.2000	0.0108	0.0100	8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.5417	0.4958	0.1000	0.00915	0.0100	-8.5	20.0
1,2-Dichloropropane	Ave	0.2981	0.2720	0.1000	0.00913	0.0100	-8.7	20.0
Dibromomethane	Ave	0.1769	0.1852		0.0105	0.0100	4.7	20.0
1,4-Dioxane	Ave	0.0026	0.0024		0.187	0.200	-6.5	20.0
Bromodichloromethane	Ave	0.3932	0.4333	0.1000	0.0110	0.0100	10.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1542	0.1349		0.0175	0.0200	-12.5	20.0
cis-1,3-Dichloropropene	Lin1		0.4161	0.1500	0.00898	0.0100	-10.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1647	0.1558	0.0500	0.0189	0.0200	-5.4	20.0
Toluene	Ave	1.969	1.768	0.4000	0.00898	0.0100	-10.2	20.0
trans-1,3-Dichloropropene	Lin1		0.4223	0.1000	0.00842	0.0100	-15.8	20.0
Ethyl methacrylate	Lin1		0.3389		0.00834	0.0100	-16.6	20.0
1,1,2-Trichloroethane	Ave	0.3317	0.3105	0.1000	0.00936	0.0100	-6.4	20.0
Tetrachloroethene	Ave	0.3574	0.3563	0.2000	0.00997	0.0100	-0.3	20.0
1,3-Dichloropropane	Ave	0.6349	0.5496		0.00866	0.0100	-13.4	20.0
2-Hexanone	Ave	0.1536	0.1235	0.0500	0.0161	0.0200	-19.6	20.0
Dibromochloromethane	Lin1		0.3343		0.00941	0.0100	-5.9	20.0
1,2-Dibromoethane	Ave	0.3251	0.3105		0.00955	0.0100	-4.5	20.0
Chlorobenzene	Ave	1.266	1.196	0.3000	0.00944	0.0100	-5.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3736	0.4061		0.0109	0.0100	8.7	20.0
Ethylbenzene	Ave	0.6530	0.6239		0.00956	0.0100	-4.4	20.0
m-Xylene & p-Xylene	Ave	1.789	1.688		0.00943	0.0100	-5.7	20.0
o-Xylene	Ave	0.7816	0.7445		0.00952	0.0100	-4.8	20.0
Styrene	Ave	1.363	1.327	0.3000	0.00974	0.0100	-2.6	20.0
Bromoform	Lin1		0.1723	0.1000	0.00983	0.0100	-1.7	20.0
Isopropylbenzene	Ave	2.107	2.063	0.1000	0.00979	0.0100	-2.1	20.0
Bromobenzene	Ave	0.9352	0.8652		0.00925	0.0100	-7.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6716	0.5654	0.3000	0.00842	0.0100	-15.8	20.0
1,2,3-Trichloropropane	Ave	0.2436	0.2253		0.00925	0.0100	-7.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1999	0.1452		0.00726	0.0100	-27.4*	20.0
N-Propylbenzene	Ave	1.009	0.8864		0.00878	0.0100	-12.2	20.0
2-Chlorotoluene	Ave	0.8945	0.7988		0.00893	0.0100	-10.7	20.0
1,3,5-Trimethylbenzene	Ave	3.344	2.940		0.00879	0.0100	-12.1	20.0
4-Chlorotoluene	Ave	3.463	2.986		0.00862	0.0100	-13.8	20.0
tert-Butylbenzene	Ave	2.784	2.450		0.00880	0.0100	-12.0	20.0
1,2,4-Trimethylbenzene	Ave	3.455	3.098		0.00897	0.0100	-10.3	20.0
sec-Butylbenzene	Ave	3.779	3.234		0.00856	0.0100	-14.4	20.0
1,3-Dichlorobenzene	Ave	1.848	1.686	0.6000	0.00912	0.0100	-8.8	20.0
p-Isopropyltoluene	Ave	3.438	3.118		0.00907	0.0100	-9.3	20.0
1,4-Dichlorobenzene	Ave	1.910	1.691	0.5000	0.00885	0.0100	-11.5	20.0
n-Butylbenzene	Ave	2.836	2.292		0.00808	0.0100	-19.2	20.0
1,2-Dichlorobenzene	Ave	1.764	1.567	0.4000	0.00889	0.0100	-11.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206461/2 Calibration Date: 11/12/2015 10:41

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 13:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 14:59

Lab File ID: UXC4392.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0997	0.0500	0.00917	0.0100	-8.3	20.0
1,2,4-Trichlorobenzene	Ave	1.161	1.004	0.2000	0.00864	0.0100	-13.6	20.0
Hexachlorobutadiene	Ave	0.5590	0.4334		0.00775	0.0100	-22.5*	20.0
Naphthalene	Ave	2.480	2.098		0.00846	0.0100	-15.4	20.0
1,2,3-Trichlorobenzene	Ave	1.053	0.8905		0.00846	0.0100	-15.4	20.0
Dibromofluoromethane (Surr)	Ave	0.3239	0.3247		0.00735	0.00733	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4605	0.4500		0.00716	0.00733	-2.3	20.0
Toluene-d8 (Surr)	Ave	1.768	1.546		0.00641	0.00733	-12.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.6700	0.6842		0.00749	0.00733	2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206461/3 Calibration Date: 11/12/2015 11:26

Instrument ID: A3UX15 Calib Start Date: 10/28/2015 15:44

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/28/2015 17:37

Lab File ID: UXC4394.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0228	0.0075		0.0330	0.100	-67.0*	20.0
Diisopropyl ether	Ave	0.2803	0.2793		0.00996	0.0100	-0.4	20.0
2-Chloro-1,3-butadiene	Ave	0.5186	0.4985		0.00961	0.0100	-3.9	20.0
Ethyl t-butyl ether	Ave	0.8119	0.7747		0.00954	0.0100	-4.6	20.0
Ethyl acetate	Ave	0.1644	0.1216		0.0148	0.0200	-26.0*	20.0
Propionitrile	Ave	0.0293	0.0194		0.0663	0.100	-33.7*	20.0
Methacrylonitrile	Ave	0.1324	0.1064		0.0804	0.100	-19.6	20.0
Tert-amyl methyl ether	Ave	0.6462	0.6591		0.0102	0.0100	2.0	20.0
n-Butanol	Ave	0.0035	0.0016		0.115	0.250	-54.1*	20.0
Methyl methacrylate	Ave	0.1803	0.1522		0.0169	0.0200	-15.6	20.0
2-Nitropropane	Ave	0.0274	0.0252		0.0184	0.0200	-8.2	20.0
1-Chlorohexane	Ave	0.5138	0.4605		0.00896	0.0100	-10.4	20.0
Cyclohexanone	Ave	0.0128	0.0048		0.0378	0.100	-62.2*	20.0
1,2,3-Trimethylbenzene	Ave	3.502	3.168		0.00905	0.0100	-9.5	20.0
1,3,5-Trichlorobenzene	Ave	1.274	1.080		0.00847	0.0100	-15.3	20.0
2-Methylnaphthalene	Ave	1.424	0.9190		0.0129	0.0200	-35.5*	20.0

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
F-VB-UST-1-14	240-57597-1	64	65	62	67	44	76
F-VB-UST-2-14	240-57597-2	61	61	58	63	42	78
F-VB-UST-3-14	240-57597-3	61	60	58	63	41	73
F-VB-UST-4-14	240-57597-4	72	72	69	72	42	85
F-VB-UST-5-14	240-57597-5	68	67	64	69	25	77
F-VB-UST-6-14	240-57597-6	62	60	62	68	33	79
F-VB-UST-7-14	240-57597-7	67	64	62	70	38	80
F-VB-UST-8-14	240-57597-8	56	54	52	56	32	70
F-VB-UST-9-14	240-57597-9	71	68	68	73	45	87
F-VB-UST-10-14	240-57597-10	59	61	60	64	40	78
F-VB-UST-11-14	240-57597-11	78	80	80	73	40	88
F-VB-UST-12-14	240-57597-12	67	64	67	63	32	72
F-VB-UST-13-14	240-57597-13	65	57	65	59	33	77
F-VB-UST-14-14	240-57597-14	70	62	73	68	28	79
F-VB-UST-DUP	240-57597-15	71	60	74	68	24	81
	MB 240-205786/23-A	66	66	65	68	48	80
	MB 240-205866/8-A	81	88	78	76	49	87
	LCS 240-205786/24-A	79	79	79	81	44	93
	LCS 240-205866/9-A	72	75	76	64	33	76
F-VB-UST-DUP MS	240-57597-15 MS	69	62	78	71	30	80
F-VB-UST-DUP MSD	240-57597-15 MSD	61	53	65	60	36	77

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	24-110
PHL = Phenol-d5 (Surr)	26-110
NBZ = Nitrobenzene-d5 (Surr)	20-110
FBP = 2-Fluorobiphenyl (Surr)	24-110
TBP = 2,4,6-Tribromophenol (Surr)	10-110
TPH = Terphenyl-d14 (Surr)	36-110

Column to be used to flag recovery values

FORM II 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-200091/10 Date Analyzed: 10/02/2015 14:04

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51002010.D Heated Purge: (Y/N) N

Calibration ID: 30980

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		221463	6.23	906472	7.34	529260	8.85
UPPER LIMIT		442926	6.73	1812944	7.84	1058520	9.35
LOWER LIMIT		110732	5.73	453236	6.84	264630	8.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-200091/11		242280	6.23	1000939	7.34	580042	8.85
CCV 240-206256/2 CCVIS		183138	6.15	734641	7.27	425153	8.77

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-200091/10 Date Analyzed: 10/02/2015 14:04

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51002010.D Heated Purge: (Y/N) N

Calibration ID: 30980

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		840219	10.12	1037091	12.82	955028	15.02
UPPER LIMIT		1680438	10.62	2074182	13.32	1910056	15.52
LOWER LIMIT		420110	9.62	518546	12.32	477514	14.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-200091/11		929663	10.12	1154414	12.82	1074213	15.02
CCV 240-206256/2 CCVIS		678359	10.04	794127	12.71	678609	14.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206256/2 Date Analyzed: 11/11/2015 09:34

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31049

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		183138	6.15	734641	7.27	425153	8.77
UPPER LIMIT		366276	6.65	1469282	7.77	850306	9.27
LOWER LIMIT		91569	5.65	367321	6.77	212577	8.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205786/23-A		169364	6.16	695817	7.27	416939	8.77
LCS 240-205786/24-A		167619	6.16	683191	7.27	403392	8.77
240-57597-1	F-VB-UST-1-14	170794	6.16	710718	7.27	416040	8.77
240-57597-2	F-VB-UST-2-14	172301	6.16	704300	7.27	408420	8.77
240-57597-3	F-VB-UST-3-14	168152	6.16	687534	7.27	389818	8.77
240-57597-4	F-VB-UST-4-14	159703	6.16	681534	7.27	397658	8.77
240-57597-5	F-VB-UST-5-14	169966	6.16	709398	7.27	411661	8.77
240-57597-6	F-VB-UST-6-14	173464	6.16	694821	7.27	402882	8.77
240-57597-7	F-VB-UST-7-14	166312	6.16	698152	7.27	395626	8.77
240-57597-8	F-VB-UST-8-14	170392	6.16	690624	7.27	399583	8.77
240-57597-9	F-VB-UST-9-14	167764	6.16	674344	7.27	396455	8.77
240-57597-10	F-VB-UST-10-14	165361	6.16	676786	7.27	404905	8.77

DCB = 1,4-Dichlorobenzene-d4
DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
NPT = Naphthalene-d8
Area Limit = 50%-200% of internal standard area
ANT = Acenaphthene-d10
RT Limit = ± 0.5 minutes of internal standard RT
ANT = Acenaphthene-d10

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206256/2 Date Analyzed: 11/11/2015 09:34

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31049

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		678359	10.04	794127	12.71	678609	14.89
UPPER LIMIT		1356718	10.54	1588254	13.21	1357218	15.39
LOWER LIMIT		339180	9.54	397064	12.21	339305	14.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205786/23-A		633596	10.04	730132	12.70	644324	14.88
LCS 240-205786/24-A		651601	10.04	738522	12.70	635222	14.89
240-57597-1	F-VB-UST-1-14	661549	10.04	736014	12.70	508559	14.88
240-57597-2	F-VB-UST-2-14	651468	10.04	719477	12.70	573126	14.88
240-57597-3	F-VB-UST-3-14	616636	10.04	695392	12.70	523351	14.88
240-57597-4	F-VB-UST-4-14	624736	10.04	703819	12.70	478985	14.88
240-57597-5	F-VB-UST-5-14	639217	10.04	741747	12.70	497306	14.88
240-57597-6	F-VB-UST-6-14	640684	10.04	728874	12.70	488005	14.88
240-57597-7	F-VB-UST-7-14	639827	10.04	723063	12.70	509629	14.88
240-57597-8	F-VB-UST-8-14	631926	10.04	719274	12.70	575492	14.88
240-57597-9	F-VB-UST-9-14	624386	10.04	704835	12.70	495093	14.88
240-57597-10	F-VB-UST-10-14	640666	10.04	718652	12.70	538508	14.88

PHN = Phenanthrene-d10
PHN = Phenanthrene-d10
CRY = Chrysene-d12
CRY = Chrysene-d12
PRY = Perylene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-204569/10 Date Analyzed: 10/30/2015 16:42

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51030010.D Heated Purge: (Y/N) N

Calibration ID: 31170

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		251143	6.42	1074814	7.54	555801	9.04
UPPER LIMIT		502286	6.92	2149628	8.04	1111602	9.54
LOWER LIMIT		125572	5.92	537407	7.04	277901	8.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204569/11		291290	6.42	1233894	7.54	643573	9.04
CCV 240-206233/2 CCVIS		263455	6.30	1198567	7.42	612244	8.92

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD6 240-204569/10 Date Analyzed: 10/30/2015 16:42

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51030010.D Heated Purge: (Y/N) N

Calibration ID: 31170

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		848550	10.31	938909	12.62	798084	14.43
UPPER LIMIT		1697100	10.81	1877818	13.12	1596168	14.93
LOWER LIMIT		424275	9.81	469455	12.12	399042	13.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-204569/11		1041455	10.31	1160345	12.61	991819	14.43
CCV 240-206233/2 CCVIS		908264	10.19	962378	12.46	831716	14.18

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206233/2 Date Analyzed: 11/11/2015 07:49

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31170

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		263455	6.30	1198567	7.42	612244	8.92
UPPER LIMIT		526910	6.80	2397134	7.92	1224488	9.42
LOWER LIMIT		131728	5.80	599284	6.92	306122	8.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205866/8-A		217654	6.30	987205	7.42	480730	8.92
LCS 240-205866/9-A		227686	6.30	1006110	7.42	522813	8.92
240-57597-11	F-VB-UST-11-14	214487	6.29	930769	7.42	469347	8.92
240-57597-12	F-VB-UST-12-14	207603	6.30	930370	7.42	469544	8.92
240-57597-13	F-VB-UST-13-14	229993	6.30	1005170	7.42	509477	8.92
240-57597-14	F-VB-UST-14-14	236787	6.30	998849	7.42	507858	8.92
240-57597-15	F-VB-UST-DUP	220994	6.30	932862	7.42	478231	8.92
240-57597-15 MS	F-VB-UST-DUP MS	216080	6.30	960244	7.42	481718	8.92
240-57597-15 MSD	F-VB-UST-DUP MSD	234420	6.30	1033463	7.42	522594	8.92

DCB = 1,4-Dichlorobenzene-d4
DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
NPT = Naphthalene-d8
Area Limit = 50%-200% of internal standard area
ANT = Acenaphthene-d10
RT Limit = ± 0.5 minutes of internal standard RT
ANT = Acenaphthene-d10

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206233/2 Date Analyzed: 11/11/2015 07:49

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 51111002.D Heated Purge: (Y/N) N

Calibration ID: 31170

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		908264	10.19	962378	12.46	831716	14.18
UPPER LIMIT		1816528	10.69	1924756	12.96	1663432	14.68
LOWER LIMIT		454132	9.69	481189	11.96	415858	13.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 240-205866/8-A		733495	10.18	742087	12.46	654968	14.18
LCS 240-205866/9-A		774857	10.19	814640	12.46	725274	14.18
240-57597-11	F-VB-UST-11-14	720283	10.19	731765	12.46	528934	14.18
240-57597-12	F-VB-UST-12-14	701609	10.19	717786	12.46	585455	14.18
240-57597-13	F-VB-UST-13-14	754672	10.19	785246	12.46	684137	14.18
240-57597-14	F-VB-UST-14-14	760631	10.19	787874	12.46	628812	14.18
240-57597-15	F-VB-UST-DUP	704693	10.18	734178	12.46	582028	14.17
240-57597-15 MS	F-VB-UST-DUP MS	739261	10.19	786491	12.46	699060	14.18
240-57597-15 MSD	F-VB-UST-DUP MSD	822314	10.19	841298	12.46	788802	14.18

PHN = Phenanthrene-d10
PHN = Phenanthrene-d10
CRY = Chrysene-d12
CRY = Chrysene-d12
PRY = Perylene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111004.D Lab Sample ID: MB 240-205786/23-A

Matrix: Solid Date Extracted: 11/09/2015 06:12

Instrument ID: A4HP10 Date Analyzed: 11/11/2015 10:27

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-205786/24-A	51111005.D	11/11/2015 10:51
F-VB-UST-1-14	240-57597-1	51111006.D	11/11/2015 11:16
F-VB-UST-2-14	240-57597-2	51111007.D	11/11/2015 11:40
F-VB-UST-3-14	240-57597-3	51111008.D	11/11/2015 12:05
F-VB-UST-4-14	240-57597-4	51111009.D	11/11/2015 12:30
F-VB-UST-5-14	240-57597-5	51111010.D	11/11/2015 12:54
F-VB-UST-6-14	240-57597-6	51111011.D	11/11/2015 13:19
F-VB-UST-7-14	240-57597-7	51111012.D	11/11/2015 13:44
F-VB-UST-8-14	240-57597-8	51111013.D	11/11/2015 14:08
F-VB-UST-9-14	240-57597-9	51111014.D	11/11/2015 14:33
F-VB-UST-10-14	240-57597-10	51111015.D	11/11/2015 14:57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205786/23-A

Matrix: Solid | Lab File ID: 51111004.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 06:12

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 10:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206256 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	80		36-110
4165-62-2	Phenol-d5 (Surr)	66		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	65		20-110
367-12-4	2-Fluorophenol (Surr)	66		24-110
321-60-8	2-Fluorobiphenyl (Surr)	68		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	48		10-110

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111005.D

Lab ID: LCS 240-205786/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	525	79	35-110	
bis (2-chloroisopropyl) ether	667	611	92	29-110	
2,4,5-Trichlorophenol	667	428	64	25-110	
2,4,6-Trichlorophenol	667	319	48	12-110	
2,4-Dichlorophenol	667	532	80	39-110	
2,4-Dimethylphenol	667	462	69	29-110	
2,4-Dinitrophenol	1330	481	36	10-110	
2,4-Dinitrotoluene	667	605	91	48-110	
2,6-Dinitrotoluene	667	563	84	45-110	
2-Chloronaphthalene	667	523	78	32-110	
2-Chlorophenol	667	528	79	37-110	
2-Methylnaphthalene	667	550	83	36-110	
2-Methylphenol	667	576	86	41-110	
2-Nitroaniline	667	596	89	45-110	
2-Nitrophenol	667	584	88	34-110	
3,3'-Dichlorobenzidine	1330	900	68	28-110	
3-Nitroaniline	667	497	75	44-110	
4,6-Dinitro-2-methylphenol	1330	716	54	10-110	
4-Bromophenyl phenyl ether	667	571	86	39-110	
4-Chloro-3-methylphenol	667	571	86	48-110	
4-Chloroaniline	667	395	59	30-110	
4-Chlorophenyl phenyl ether	667	549	82	40-110	
4-Nitroaniline	667	588	88	48-110	
4-Nitrophenol	1330	1060	80	28-110	
Acenaphthene	667	533	80	38-110	
Acenaphthylene	667	532	80	40-110	
Acetophenone	667	551	83	40-110	
Anthracene	667	545	82	48-110	
Atrazine	1330	1240	93	54-120	
Benzaldehyde	1330	1150	86	32-110	
Benzo[a]anthracene	667	553	83	50-110	
Benzo[a]pyrene	667	592	89	44-110	
Benzo[b]fluoranthene	667	592	89	43-110	
Benzo[g,h,i]perylene	667	573	86	51-110	
Benzo[k]fluoranthene	667	571	86	38-105	
Bis(2-chloroethoxy)methane	667	537	80	32-110	
Bis(2-chloroethyl)ether	667	533	80	34-110	
Bis(2-ethylhexyl) phthalate	667	662	99	50-110	
Butyl benzyl phthalate	667	604	91	51-110	
Caprolactam	1330	1110	83	44-114	
Carbazole	667	564	85	50-110	
Chrysene	667	550	83	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111005.D

Lab ID: LCS 240-205786/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	620	93	51-110	
Dibenzofuran	667	548	82	43-110	
Diethyl phthalate	667	618	93	52-110	
Dimethyl phthalate	667	572	86	50-110	
Di-n-butyl phthalate	667	583	88	51-110	
Di-n-octyl phthalate	667	628	94	48-110	
Fluoranthene	667	539	81	51-110	
Fluorene	667	550	83	46-110	
Hexachlorobenzene	667	553	83	43-110	
Hexachlorobutadiene	667	559	84	29-110	
Hexachlorocyclopentadiene	667	240 J	36	12-110	
Hexachloroethane	667	539	81	30-110	
Indeno[1,2,3-cd]pyrene	667	606	91	50-110	
Isophorone	667	547	82	36-110	
N-Nitrosodi-n-propylamine	667	563	84	38-110	
N-Nitrosodiphenylamine	1330	1180	89	46-110	
Naphthalene	667	537	81	36-110	
Nitrobenzene	667	550	83	32-110	
Pentachlorophenol	1330	584	44	10-110	
Phenanthrene	667	547	82	49-110	
Phenol	667	542	81	38-110	
Pyrene	667	574	86	49-110	
3 & 4 Methylphenol	667	526	79	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111006.D Lab Sample ID: MB 240-205866/8-A

Matrix: Solid Date Extracted: 11/09/2015 12:23

Instrument ID: A4HP9 Date Analyzed: 11/11/2015 09:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-205866/9-A	51111007.D	11/11/2015 10:19
F-VB-UST-11-14	240-57597-11	51111019.D	11/11/2015 14:50
F-VB-UST-12-14	240-57597-12	51111020.D	11/11/2015 15:14
F-VB-UST-13-14	240-57597-13	51111021.D	11/11/2015 15:39
F-VB-UST-14-14	240-57597-14	51111022.D	11/11/2015 16:03
F-VB-UST-DUP	240-57597-15	51111023.D	11/11/2015 16:28
F-VB-UST-DUP MS	240-57597-15 MS	51111024.D	11/11/2015 16:52
F-VB-UST-DUP MSD	240-57597-15 MSD	51111025.D	11/11/2015 17:17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3.5	U	50	3.5
108-60-1	bis (2-chloroisopropyl) ether	9.5	U	100	9.5
95-95-4	2,4,5-Trichlorophenol	25	U	150	25
88-06-2	2,4,6-Trichlorophenol	8.9	U	150	8.9
120-83-2	2,4-Dichlorophenol	20	U	150	20
105-67-9	2,4-Dimethylphenol	20	U	150	20
51-28-5	2,4-Dinitrophenol	21	U	330	21
121-14-2	2,4-Dinitrotoluene	17	U	200	17
606-20-2	2,6-Dinitrotoluene	21	U	200	21
91-58-7	2-Chloronaphthalene	0.45	U	50	0.45
95-57-8	2-Chlorophenol	8.2	U	50	8.2
91-57-6	2-Methylnaphthalene	0.50	U	6.7	0.50
95-48-7	2-Methylphenol	11	U	200	11
88-74-4	2-Nitroaniline	9.1	U	200	9.1
88-75-5	2-Nitrophenol	8.3	U	50	8.3
91-94-1	3,3'-Dichlorobenzidine	18	U	100	18
99-09-2	3-Nitroaniline	16	U	200	16
534-52-1	4,6-Dinitro-2-methylphenol	9.2	U	150	9.2
101-55-3	4-Bromophenyl phenyl ether	13	U	50	13
59-50-7	4-Chloro-3-methylphenol	21	U	150	21
106-47-8	4-Chloroaniline	17	U	150	17
7005-72-3	4-Chlorophenyl phenyl ether	13	U	50	13
100-01-6	4-Nitroaniline	26	U	200	26
100-02-7	4-Nitrophenol	17	U	330	17
83-32-9	Acenaphthene	0.76	U	6.7	0.76
208-96-8	Acenaphthylene	0.35	U	6.7	0.35
98-86-2	Acetophenone	9.2	U	100	9.2
120-12-7	Anthracene	0.78	U	6.7	0.78
1912-24-9	Atrazine	9.1	U	200	9.1
100-52-7	Benzaldehyde	12	U	100	12
56-55-3	Benzo[a]anthracene	0.63	U	6.7	0.63
50-32-8	Benzo[a]pyrene	0.64	U	6.7	0.64
205-99-2	Benzo[b]fluoranthene	0.59	U	6.7	0.59
191-24-2	Benzo[g,h,i]perylene	0.35	U	6.7	0.35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
207-08-9	Benzo[k]fluoranthene	0.68	U	6.7	0.68
111-91-1	Bis(2-chloroethoxy)methane	22	U	100	22
111-44-4	Bis(2-chloroethyl)ether	2.0	U	100	2.0
117-81-7	Bis(2-ethylhexyl) phthalate	19	U	70	19
85-68-7	Butyl benzyl phthalate	10	U	70	10
105-60-2	Caprolactam	37	U	330	37
86-74-8	Carbazole	27	U	50	27
218-01-9	Chrysene	1.1	U	6.7	1.1
53-70-3	Dibenz(a,h)anthracene	0.66	U	6.7	0.66
132-64-9	Dibenzofuran	0.66	U	50	0.66
84-66-2	Diethyl phthalate	16	U	70	16
131-11-3	Dimethyl phthalate	17	U	70	17
84-74-2	Di-n-butyl phthalate	15	U	70	15
117-84-0	Di-n-octyl phthalate	7.9	U	70	7.9
206-44-0	Fluoranthene	0.55	U	6.7	0.55
86-73-7	Fluorene	0.53	U	6.7	0.53
118-74-1	Hexachlorobenzene	2.1	U	6.7	2.1
87-68-3	Hexachlorobutadiene	5.6	U	50	5.6
77-47-4	Hexachlorocyclopentadiene	8.1	U	330	8.1
67-72-1	Hexachloroethane	9.0	U	50	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	0.35	U	6.7	0.35
78-59-1	Isophorone	13	U	50	13
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	50	6.3
86-30-6	N-Nitrosodiphenylamine	21	U	50	21
91-20-3	Naphthalene	0.82	U	6.7	0.82
98-95-3	Nitrobenzene	2.2	U	100	2.2
87-86-5	Pentachlorophenol	9.1	U	150	9.1
85-01-8	Phenanthrene	0.73	U	6.7	0.73
108-95-2	Phenol	7.3	U	50	7.3
129-00-0	Pyrene	0.44	U	6.7	0.44
15831-10-4	3 & 4 Methylphenol	20	U	400	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205866/8-A

Matrix: Solid | Lab File ID: 51111006.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/09/2015 12:23

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 09:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206233 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	Terphenyl-d14 (Surr)	87		36-110
4165-62-2	Phenol-d5 (Surr)	88		26-110
4165-60-0	Nitrobenzene-d5 (Surr)	78		20-110
367-12-4	2-Fluorophenol (Surr)	81		24-110
321-60-8	2-Fluorobiphenyl (Surr)	76		24-110
118-79-6	2,4,6-Tribromophenol (Surr)	49		10-110

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111007.D

Lab ID: LCS 240-205866/9-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	667	396	59	35-110	
bis (2-chloroisopropyl) ether	667	514	77	29-110	
2,4,5-Trichlorophenol	667	325	49	25-110	
2,4,6-Trichlorophenol	667	243	37	12-110	
2,4-Dichlorophenol	667	446	67	39-110	
2,4-Dimethylphenol	667	444	67	29-110	
2,4-Dinitrophenol	1330	464	35	10-110	
2,4-Dinitrotoluene	667	473	71	48-110	
2,6-Dinitrotoluene	667	462	69	45-110	
2-Chloronaphthalene	667	425	64	32-110	
2-Chlorophenol	667	439	66	37-110	
2-Methylnaphthalene	667	428	64	36-110	
2-Methylphenol	667	438	66	41-110	
2-Nitroaniline	667	548	82	45-110	
2-Nitrophenol	667	459	69	34-110	
3,3'-Dichlorobenzidine	1330	946	71	28-110	
3-Nitroaniline	667	446	67	44-110	
4,6-Dinitro-2-methylphenol	1330	724	54	10-110	
4-Bromophenyl phenyl ether	667	468	70	39-110	
4-Chloro-3-methylphenol	667	444	67	48-110	
4-Chloroaniline	667	366	55	30-110	
4-Chlorophenyl phenyl ether	667	412	62	40-110	
4-Nitroaniline	667	452	68	48-110	
4-Nitrophenol	1330	804	60	28-110	
Acenaphthene	667	386	58	38-110	
Acenaphthylene	667	400	60	40-110	
Acetophenone	667	424	64	40-110	
Anthracene	667	462	69	48-110	
Atrazine	1330	1140	86	54-120	
Benzaldehyde	1330	1090	82	32-110	
Benzo[a]anthracene	667	451	68	50-110	
Benzo[a]pyrene	667	491	74	44-110	
Benzo[b]fluoranthene	667	559	84	43-110	
Benzo[g,h,i]perylene	667	467	70	51-110	
Benzo[k]fluoranthene	667	429	64	38-105	
Bis(2-chloroethoxy)methane	667	489	73	32-110	
Bis(2-chloroethyl)ether	667	503	75	34-110	
Bis(2-ethylhexyl) phthalate	667	544	82	50-110	
Butyl benzyl phthalate	667	512	77	51-110	
Caprolactam	1330	1000	75	44-114	
Carbazole	667	536	80	50-110	
Chrysene	667	442	66	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111007.D

Lab ID: LCS 240-205866/9-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	667	513	77	51-110	
Dibenzofuran	667	406	61	43-110	
Diethyl phthalate	667	418	63	52-110	
Dimethyl phthalate	667	455	68	50-110	
Di-n-butyl phthalate	667	538	81	51-110	
Di-n-octyl phthalate	667	448	67	48-110	
Fluoranthene	667	500	75	51-110	
Fluorene	667	426	64	46-110	
Hexachlorobenzene	667	496	74	43-110	
Hexachlorobutadiene	667	392	59	29-110	
Hexachlorocyclopentadiene	667	244 J	37	12-110	
Hexachloroethane	667	423	63	30-110	
Indeno[1,2,3-cd]pyrene	667	505	76	50-110	
Isophorone	667	513	77	36-110	
N-Nitrosodi-n-propylamine	667	592	89	38-110	
N-Nitrosodiphenylamine	1330	987	74	46-110	
Naphthalene	667	387	58	36-110	
Nitrobenzene	667	506	76	32-110	
Pentachlorophenol	1330	573	43	10-110	
Phenanthrene	667	439	66	49-110	
Phenol	667	537	81	38-110	
Pyrene	667	481	72	49-110	
3 & 4 Methylphenol	667	432	65	40-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111024.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	778	4.1 U	511	66	32-110	
bis (2-chloroisopropyl) ether	778	11 U	646	83	11-110	
2,4,5-Trichlorophenol	778	29 U	290	37	10-117	
2,4,6-Trichlorophenol	778	10 U	318	41	10-110	
2,4-Dichlorophenol	778	23 U	444	57	10-110	
2,4-Dimethylphenol	778	23 U	275	35	10-110	
2,4-Dinitrophenol	1560	24 U	940	60	10-110	
2,4-Dinitrotoluene	778	20 U	616	79	32-110	
2,6-Dinitrotoluene	778	24 U	597	77	35-110	
2-Chloronaphthalene	778	0.52 U	546	70	28-110	
2-Chlorophenol	778	9.6 U	504	65	10-110	
2-Methylnaphthalene	778	0.58 U	528	68	10-133	
2-Methylphenol	778	13 U	391	50	24-110	
2-Nitroaniline	778	11 U	709	91	39-110	
2-Nitrophenol	778	9.7 U	593	76	10-110	
3,3'-Dichlorobenzidine	1560	21 U	1180	76	10-110	
3-Nitroaniline	778	19 U	533	68	10-110	
4,6-Dinitro-2-methylphenol	1560	11 U	1080	69	10-110	
4-Bromophenyl phenyl ether	778	15 U	592	76	33-110	
4-Chloro-3-methylphenol	778	24 U	231	30	25-110	
4-Chloroaniline	778	20 U	391	50	10-110	
4-Chlorophenyl phenyl ether	778	15 U	537	69	32-110	
4-Nitroaniline	778	30 U	570	73	10-110	
4-Nitrophenol	1560	20 U	383 J	25	10-113	
Acenaphthene	778	0.89 U	501	64	22-110	
Acenaphthylene	778	0.41 U	518	67	24-110	
Acetophenone	778	11 U	542	70	31-110	
Anthracene	778	0.91 U	585	75	20-110	
Atrazine	1560	11 U	1450	93	45-118	
Benzaldehyde	1560	14 U	1350	87	23-110	
Benzo[a]anthracene	778	0.73 U	556	71	10-122	
Benzo[a]pyrene	778	0.75 U	623	80	10-110	
Benzo[b]fluoranthene	778	0.69 U	673	87	12-118	
Benzo[g,h,i]perylene	778	0.41 U	598	77	10-117	
Benzo[k]fluoranthene	778	0.79 U	562	72	10-121	
Bis(2-chloroethoxy)methane	778	26 U	611	78	26-110	
Bis(2-chloroethyl)ether	778	2.3 U	607	78	21-110	
Bis(2-ethylhexyl) phthalate	778	22 J	679	87	40-110	
Butyl benzyl phthalate	778	12 U	649	83	44-110	
Caprolactam	1560	43 U	1260	81	10-134	
Carbazole	778	31 U	666	86	34-110	
Chrysene	778	1.3 U	544	70	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111024.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dibenz(a,h)anthracene	778	0.77 U	637	82	14-113	
Dibenzofuran	778	0.77 U	536	69	29-110	
Diethyl phthalate	778	19 U	546	70	42-110	
Dimethyl phthalate	778	20 U	595	76	41-110	
Di-n-butyl phthalate	778	17 U	681	88	43-110	
Di-n-octyl phthalate	778	9.2 U	559	72	24-119	
Fluoranthene	778	0.64 U	621	80	10-110	
Fluorene	778	0.62 U	548	70	23-110	
Hexachlorobenzene	778	2.4 U	623	80	34-110	
Hexachlorobutadiene	778	6.5 U	472	61	25-110	
Hexachlorocyclopentadiene	778	9.4 U	219 J	28	10-110	
Hexachloroethane	778	10 U	526	68	12-110	
Indeno[1,2,3-cd]pyrene	778	0.41 U	622	80	10-114	
Isophorone	778	15 U	651	84	29-110	
N-Nitrosodi-n-propylamine	778	7.3 U	757	97	26-110	
N-Nitrosodiphenylamine	1560	24 U	1270	81	22-110	
Naphthalene	778	0.96 U	473	61	10-111	
Nitrobenzene	778	2.6 U	633	81	23-110	
Pentachlorophenol	1560	11 U	423	27	10-110	
Phenanthrene	778	0.85 U	557	72	10-166	
Phenol	778	8.5 U	395	51	17-110	
Pyrene	778	0.51 U	603	77	10-147	
3 & 4 Methylphenol	778	23 U	368 J	47	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111025.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	781	419	54	20	32	32-110	
bis (2-chloroisopropyl) ether	781	536	69	19	42	11-110	
2,4,5-Trichlorophenol	781	208	27	33	99	10-117	
2,4,6-Trichlorophenol	781	307	39	4	38	10-110	
2,4-Dichlorophenol	781	368	47	19	34	10-110	
2,4-Dimethylphenol	781	286	37	4	31	10-110	
2,4-Dinitrophenol	1560	819	52	14	99	10-110	
2,4-Dinitrotoluene	781	589	75	4	30	32-110	
2,6-Dinitrotoluene	781	546	70	9	30	35-110	
2-Chloronaphthalene	781	455	58	18	30	28-110	
2-Chlorophenol	781	422	54	18	47	10-110	
2-Methylnaphthalene	781	437	56	19	42	10-133	
2-Methylphenol	781	416	53	6	51	24-110	
2-Nitroaniline	781	646	83	9	31	39-110	
2-Nitrophenol	781	492	63	19	49	10-110	
3,3'-Dichlorobenzidine	1560	1210	77	2	56	10-110	
3-Nitroaniline	781	551	71	3	30	10-110	
4,6-Dinitro-2-methylphenol	1560	996	64	8	55	10-110	
4-Bromophenyl phenyl ether	781	532	68	11	30	33-110	
4-Chloro-3-methylphenol	781	272	35	16	54	25-110	
4-Chloroaniline	781	392	50	0	36	10-110	
4-Chlorophenyl phenyl ether	781	476	61	12	30	32-110	
4-Nitroaniline	781	541	69	5	48	10-110	
4-Nitrophenol	1560	446	29	15	49	10-113	
Acenaphthene	781	432	55	15	99	22-110	
Acenaphthylene	781	443	57	16	99	24-110	
Acetophenone	781	442	57	20	43	31-110	
Anthracene	781	523	67	11	99	20-110	
Atrazine	1560	1300	83	11	30	45-118	
Benzaldehyde	1560	1100	71	20	42	23-110	
Benzo[a]anthracene	781	536	69	4	99	10-122	
Benzo[a]pyrene	781	563	72	10	99	10-110	
Benzo[b]fluoranthene	781	638	82	5	99	12-118	
Benzo[g,h,i]perylene	781	545	70	9	99	10-117	
Benzo[k]fluoranthene	781	486	62	14	99	10-121	
Bis(2-chloroethoxy)methane	781	497	64	21	37	26-110	
Bis(2-chloroethyl)ether	781	528	68	14	55	21-110	
Bis(2-ethylhexyl) phthalate	781	661	85	3	30	40-110	
Butyl benzyl phthalate	781	614	79	5	30	44-110	
Caprolactam	1560	1170	75	8	32	10-134	
Carbazole	781	604	77	10	30	34-110	
Chrysene	781	521	67	4	99	10-125	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 51111025.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dibenz(a,h)anthracene	781	596	76	7	99	14-113	
Dibenzofuran	781	463	59	15	30	29-110	
Diethyl phthalate	781	507	65	7	30	42-110	
Dimethyl phthalate	781	543	69	9	30	41-110	
Di-n-butyl phthalate	781	631	81	8	30	43-110	
Di-n-octyl phthalate	781	517	66	8	30	24-119	
Fluoranthene	781	577	74	7	99	10-110	
Fluorene	781	486	62	12	99	23-110	
Hexachlorobenzene	781	557	71	11	30	34-110	
Hexachlorobutadiene	781	395	51	18	34	25-110	
Hexachlorocyclopentadiene	781	186 J	24	16	79	10-110	
Hexachloroethane	781	411	53	25	50	12-110	
Indeno[1,2,3-cd]pyrene	781	578	74	7	99	10-114	
Isophorone	781	540	69	19	38	29-110	
N-Nitrosodi-n-propylamine	781	615	79	21	42	26-110	
N-Nitrosodiphenylamine	1560	1130	72	11	30	22-110	
Naphthalene	781	397	51	17	99	10-111	
Nitrobenzene	781	515	66	21	41	23-110	
Pentachlorophenol	1560	617	39	37	50	10-110	
Phenanthrene	781	510	65	9	99	10-166	
Phenol	781	418	53	6	53	17-110	
Pyrene	781	575	74	5	99	10-147	
3 & 4 Methylphenol	781	392 J	50	6	50	25-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51002001.D DFTPP Injection Date: 10/02/2015

Instrument ID: A4HP10 DFTPP Injection Time: 10:22

Analysis Batch No.: 200091

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	35.2	
70	Less than 2.0% of mass 69	0.2	(0.7)1
127	25.0 - 75.0% of mass 198	49.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	25.4	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	16.6	
442	40.0 - 110.0% of mass 198	102.9	
443	15.0 - 24.0% of mass 442	20.5	(20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-200091/2	51002002.D	10/02/2015	10:48
	STD4 240-200091/3	51002003.D	10/02/2015	11:12
	STD3 240-200091/4	51002004.D	10/02/2015	11:37
	STD2 240-200091/5	51002005.D	10/02/2015	12:01
	STD1 240-200091/6	51002006.D	10/02/2015	12:25
	STD9 240-200091/7	51002007.D	10/02/2015	12:50
	STD8 240-200091/8	51002008.D	10/02/2015	13:15
	STD7 240-200091/9	51002009.D	10/02/2015	13:39
	STD6 240-200091/10	51002010.D	10/02/2015	14:04
	ICV 240-200091/11	51002011.D	10/02/2015	14:28

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-200091/6	51002006.D
Level 2	STD2 240-200091/5	51002005.D
Level 3	STD3 240-200091/4	51002004.D
Level 4	STD4 240-200091/3	51002003.D
Level 5	STD5 240-200091/2	51002002.D
Level 6	STD6 240-200091/10	51002010.D
Level 7	STD7 240-200091/9	51002009.D
Level 8	STD8 240-200091/8	51002008.D
Level 9	STD9 240-200091/7	51002007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.6695	0.7664 0.6450	0.7112 0.6601	0.6791 0.6797	0.7113	Ave		0.6903				5.6		20.0			
N-Nitrosodimethylamine	0.9213	0.9861 0.9036	0.9021 0.9073	0.9106 0.9353	0.9364	Ave		0.9253				3.0		20.0			
Pyridine	1.6752	1.7590 1.6375	1.6236 1.6765	1.6397 1.7157	1.7460	Ave		1.6842				3.0		20.0			
Benzaldehyde	1.1161	1.2599 0.9941	1.2278 0.9643	1.2174 0.9002	1.2082	Ave		1.1110			0.0100	12.6		20.0			
Phenol	1.8772	2.0486 1.7989	1.9063 1.8076	1.9409 1.8084	1.9432	Ave		1.8914			0.8000	4.6		20.0			
Aniline	2.4273	2.4891 2.3113	2.4030 2.3297	2.4066 2.3780	2.4676	Ave		2.4016				2.6		20.0			
Bis(2-chloroethyl)ether	1.5242	1.5993 1.4438	1.5227 1.4462	1.5177 1.4436	1.5534	Ave		1.5064			0.7000	3.8		20.0			
2-Chlorophenol	1.5436	1.5843 1.4930	1.5903 1.5124	1.5578 1.5091	1.5573	Ave		1.5435			0.8000	2.3		20.0			
n-Decane	1.8806	2.1172 1.7823	2.0495 1.7515	1.9665 1.7279	2.0152	Ave		1.9113				7.7		20.0			
1,3-Dichlorobenzene	1.5929	1.6788 1.5009	1.5686 1.5104	1.6231 1.5138	1.6452	Ave		1.5792				4.3		20.0			
1,4-Dichlorobenzene	1.6286	1.7289 1.5274	1.6483 1.5572	1.6056 1.5444	1.6767	Ave		1.6146				4.3		20.0			
Benzyl alcohol	1.0249	1.1085 0.9791	1.0175 0.9932	1.0225 0.9932	1.0587	Ave		1.0247				4.1		20.0			
1,2-Dichlorobenzene	1.5382	1.6271 1.4641	1.5700 1.4793	1.5350 1.4835	1.5516	Ave		1.5311				3.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.4114	1.4902 1.3491	1.4012 1.3603	1.4223 1.3516	1.5104	Ave		1.4121			0.7000	4.3		20.0			
bis (2-chloroisopropyl) ether	2.1032	2.4010 1.9023	2.3063 1.8708	2.2908 1.8368	2.2583	Ave		2.1212				10.6		20.0			
Indene	2.5417	2.8532 2.3321	2.6823 2.2562	2.7190 2.1708	2.7151	Ave		2.5338				9.9		20.0			
3 & 4 Methylphenol	1.4717	1.5716 1.3921	1.4945 1.3910	1.4916 1.3913	1.5495	Ave		1.4692				4.9		20.0			
N-Nitrosodi-n-propylamine	0.9027	0.9251 0.8420	0.9104 0.8191	0.8990 0.7921	0.9376	Ave		0.8785			0.5000	6.1		20.0			
Acetophenone	2.0138	2.0766 1.8967	2.0491 1.8871	2.0752 1.8264	2.0787	Ave		1.9880			0.0100	5.1		20.0			
Hexachloroethane	0.6506	0.6511 0.6153	0.6147 0.6272	0.6386 0.6127	0.6770	Ave		0.6359			0.3000	3.6		20.0			
Nitrobenzene	0.3700	0.3890 0.3608	0.3813 0.3557	0.3686 0.3512	0.3786	Ave		0.3694			0.2000	3.6		20.0			
Isophorone	0.6883	0.7238 0.6711	0.6929 0.6633	0.6847 0.6524	0.7054	Ave		0.6852			0.4000	3.4		20.0			
2-Nitrophenol	0.1876	0.1380 0.1801	0.1435 0.1805	0.1564 0.1754	0.1739	Ave		0.1669			0.1000	11.1		20.0			
2,4-Dimethylphenol	0.3616	0.3894 0.3430	0.3809 0.3374	0.3682 0.3237	0.3597	Ave		0.3580			0.2000	6.2		20.0			
Benzoic acid	0.2291	+++++ 0.2141	0.0903 0.2178	0.1351 0.2228	0.1906	Lin1	-0.305	0.2283							0.9990		0.9900
Bis(2-chloroethoxy)methane	0.4177	0.4647 0.3986	0.4508 0.3937	0.4375 0.3846	0.4412	Ave		0.4236			0.3000	6.9		20.0			
2,4-Dichlorophenol	0.3004	0.3102 0.2890	0.2958 0.2884	0.2907 0.2810	0.2969	Ave		0.2940			0.2000	3.0		20.0			
1,2,4-Trichlorobenzene	0.3054	0.3141 0.2927	0.3209 0.2858	0.3095 0.2778	0.3117	Ave		0.3022				5.0		20.0			
Naphthalene	1.3004 1.0690	1.1308 1.0304	1.0735 1.0093	1.0684 0.9772	1.0969	Ave		1.0840			0.7000	8.6		20.0			
4-Chloroaniline	0.4741	0.4930 0.4559	0.5069 0.4525	0.4937 0.4485	0.4800	Ave		0.4756			0.0100	4.6		20.0			
2,6-Dichlorophenol	0.2958	0.3215 0.2856	0.3004 0.2833	0.2958 0.2781	0.2986	Ave		0.2949				4.5		20.0			
Hexachlorobutadiene	0.1890	0.2046 0.1802	0.1919 0.1770	0.1878 0.1720	0.1923	Ave		0.1868			0.0100	5.5		20.0			
Caprolactam	0.1158	0.1186 0.1145	0.1187 0.1160	0.1123 0.1173	0.1180	Ave		0.1164			0.0100	1.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3081	0.3124 0.2963	0.3078 0.2958	0.3032 0.2895	0.3130	Ave		0.3033			0.2000	2.8		20.0			
2-Methylnaphthalene	0.7756 0.6955	0.7490 0.6693	0.7170 0.6556	0.6957 0.6313	0.7165	Ave		0.7006			0.4000	6.5		20.0			
1-Methylnaphthalene	0.7676 0.6107	0.6360 0.5848	0.6456 0.5768	0.6162 0.5626	0.6282	Ave		0.6254				9.6		20.0			
Hexachlorocyclopentadiene	0.2948	0.2072 0.2918	0.2317 0.2918	0.2528 0.2873	0.2937	Ave		0.2689			0.0500	12.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.4885	0.5652 0.4629	0.5402 0.4463	0.5472 0.4297	0.5183	Ave		0.4998			0.0100	10.1		20.0			
2,4,6-Trichlorophenol	0.3715	0.3724 0.3588	0.3515 0.3509	0.3712 0.3425	0.3759	Ave		0.3619			0.2000	3.5		20.0			
2,4,5-Trichlorophenol	0.3894	0.3736 0.3765	0.3808 0.3754	0.3750 0.3713	0.3936	Ave		0.3794			0.2000	2.1		20.0			
1,1'-Biphenyl	1.6748 1.3725	1.4785 1.3090	1.4844 1.2882	1.4329 1.2449	1.3992	Ave		1.4094			0.0100	9.2		20.0			
2-Chloronaphthalene	1.4430 1.1165	1.3094 1.0904	1.1919 1.0799	1.2036 1.0476	1.1544	Ave		1.1819			0.8000	10.7		20.0			
2-Nitroaniline	0.3659	0.3458 0.3517	0.3335 0.3522	0.3394 0.3426	0.3714	Ave		0.3503			0.0100	3.7		20.0			
Dimethyl phthalate	1.2918	1.3757 1.2433	1.3134 1.2373	1.2978 1.2027	1.3157	Ave		1.2847			0.0100	4.3		20.0			
1,3-Dinitrobenzene	0.2128	0.1253 0.2137	0.1311 0.2169	0.1611 0.2086	0.1876	Lin1	-0.066	0.2149							0.9980		0.9900
2,6-Dinitrotoluene	0.2980	0.2441 0.2879	0.2649 0.2943	0.2864 0.2823	0.2962	Ave		0.2818				6.6		20.0			
Acenaphthylene	2.0743 1.7077	1.8368 1.6563	1.7806 1.6705	1.7896 1.5999	1.7512	Ave		1.7630			0.9000	7.8		20.0			
3-Nitroaniline	0.3380	0.2955 0.3324	0.3068 0.3328	0.3220 0.3280	0.3359	Ave		0.3239			0.0100	4.7		20.0			
2,4-Dinitrophenol	0.1481	+++++ 0.1538	0.0351 0.1544	0.0510 0.1462	0.0918	Lin1	-0.328	0.1574			0.0100				0.9920		0.9900
Acenaphthene	1.3039 1.0225	1.2131 0.9782	1.1513 0.9499	1.1017 0.8846	1.0737	Ave		1.0754			0.9000	12.4		20.0			
4-Nitrophenol	0.1794	0.1547 0.1768	0.1585 0.1774	0.1663 0.1698	0.1787	Ave		0.1702				5.6		20.0			
2,4-Dinitrotoluene	0.4036	0.2963 0.3894	0.3270 0.3928	0.3557 0.3847	0.3830	Ave		0.3666			0.2000	10.2		20.0			
Dibenzofuran	1.9069 1.5721	1.7236 1.5073	1.6855 1.5083	1.6327 1.4681	1.6051	Ave		1.6233			0.8000	8.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.3261	0.3032 0.3202	0.3101 0.3234	0.3209 0.3127	0.3268	Ave		0.3179			0.0100	2.6		20.0			
Diethyl phthalate	1.1755	1.3606 1.0860	1.2751 1.0391	1.2561 0.9672	1.2198	Ave		1.1724			0.0100	11.3		20.0			
Hexadecane	0.5384	0.6539 0.4892	0.6552 0.4399	0.6420 0.3964	0.6215	Ave		0.5546				18.6		20.0			
4-Chlorophenyl phenyl ether	0.6018	0.6868 0.5811	0.6476 0.5764	0.6229 0.5609	0.6109	Ave		0.6110			0.4000	6.8		20.0			
4-Nitroaniline	0.3283	0.3168 0.3054	0.3309 0.2952	0.3259 0.2745	0.3421	Ave		0.3149			0.0100	7.0		20.0			
Fluorene	1.5331 1.3077	1.4393 1.2410	1.3917 1.1745	1.3621 1.1146	1.3380	Ave		1.3224			0.9000	9.9		20.0			
4,6-Dinitro-2-methylphenol	0.1405	+++++ 0.1420	0.0535 0.1473	0.0736 0.1406	0.1077	Lin1	-0.238	0.1483			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5721	0.6386 0.5413	0.6032 0.5217	0.6014 0.4871	0.6027	Ave		0.5710			0.0100	8.9		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.7979	0.8327 0.7726	0.8253 0.7603	0.8422 0.7222	0.8418	Ave		0.7997				5.5		20.0			
Azobenzene	0.7979	0.8316 0.7731	0.8275 0.7602	0.8424 0.7228	0.8424	Ave		0.7997				5.5		20.0			
4-Bromophenyl phenyl ether	0.2291	0.2468 0.2220	0.2422 0.2182	0.2340 0.2104	0.2360	Ave		0.2298			0.1000	5.4		20.0			
Hexachlorobenzene	0.2897 0.2474	0.2906 0.2387	0.2639 0.2357	0.2702 0.2283	0.2592	Ave		0.2582			0.1000	8.8		20.0			
Atrazine	0.2085	0.2470 0.1989	0.2352 0.1914	0.2302 0.1784	0.2226	Ave		0.2140			0.0100	11.1		20.0			
Pentachlorophenol	0.1566	0.1203 0.1461	0.1373 0.1435	0.1462 0.1377	0.1580	Ave		0.1432			0.0500	8.4		20.0			
n-Octadecane	0.7811	1.0785 0.6664	1.0384 0.6036	1.0135 0.5462	0.9376	Qua	0.2920	0.8735	-0.013823						0.9980		0.9900
Phenanthrene	1.3748 1.1479	1.2369 1.1131	1.1926 1.0919	1.1939 1.0530	1.1921	Ave		1.1773			0.7000	8.0		20.0			
Anthracene	1.3205 1.1782	1.2586 1.1423	1.2160 1.1412	1.1785 1.0647	1.2105	Ave		1.1901			0.7000	6.2		20.0			
Carbazole	1.1072	1.2431 1.0787	1.2009 1.0743	1.1353 1.0193	1.1600	Ave		1.1273			0.0100	6.5		20.0			
Di-n-butyl phthalate	1.3947	1.4647 1.3496	1.4241 1.3237	1.4029 1.2334	1.4453	Ave		1.3798			0.0100	5.5		20.0			
Fluoranthene	1.5321 1.2882	1.3939 1.2469	1.3537 1.2340	1.3252 1.1725	1.3424	Ave		1.3210			0.6000	7.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 200091

SDG No.:

Instrument ID: A4HP10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/02/2015 10:48 Calibration End Date: 10/02/2015 14:04 Calibration ID: 30980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6451	0.5338 0.6050	0.5417 0.5945	0.5546 0.5565	0.6428	Ave		0.5843				7.6		20.0			
Pyrene	1.3418 1.1061	1.1896 1.0765	1.1446 1.0713	1.1384 1.0412	1.1040	Ave		1.1348			0.6000	7.9		20.0			
Butyl benzyl phthalate	0.5176	0.5409 0.5064	0.5195 0.5022	0.5221 0.4846	0.5206	Ave		0.5142			0.0100	3.2		20.0			
3,3'-Dichlorobenzidine	0.3938	0.4187 0.3806	0.4084 0.3666	0.4148 0.3572	0.4218	Ave		0.3952			0.0100	6.3		20.0			
Bis(2-ethylhexyl) phthalate	0.6563	0.7249 0.6056	0.7320 0.5577	0.7423 0.5175	0.7272	Ave		0.6579			0.0100	13.4		20.0			
Benzo[a]anthracene	1.2994 1.1072	1.1154 1.0880	1.1109 1.1166	1.1030 1.0814	1.1126	Ave		1.1261			0.8000	5.9		20.0			
Chrysene	1.2630 1.0330	1.1264 1.0316	1.0723 1.0239	1.0588 1.0141	1.0605	Ave		1.0759			0.7000	7.2		20.0			
Di-n-octyl phthalate	1.4250	1.2463 1.3943	1.3097 1.4235	1.3592 1.3602	1.4489	Ave		1.3709			0.0100	4.9		20.0			
Benzo[b]fluoranthene	1.1428 1.1817	1.1483 1.0957	1.1239 1.1339	1.0694 1.1422	1.1127	Ave		1.1278			0.7000	2.9		20.0			
Benzo[k]fluoranthene	1.4480 1.2152	1.3389 1.2296	1.3013 1.2500	1.2492 1.1684	1.2686	Ave		1.2743			0.7000	6.4		20.0			
Benzo[a]pyrene	1.1242 1.1335	1.1003 1.1221	1.1316 1.1430	1.0872 1.1046	1.1374	Ave		1.1204			0.7000	1.7		20.0			
Indeno[1,2,3-cd]pyrene	1.0594 1.2888	1.1682 1.2677	1.2083 1.2995	1.2340 1.2525	1.3208	Ave		1.2332			0.5000	6.5		20.0			
Dibenz(a,h)anthracene	0.7887 1.0727	1.0310 1.0681	1.0191 1.0966	1.0137 1.0546	1.0748	Ave		1.0244			0.4000	9.0		20.0			
Benzo[g,h,i]perylene	0.9436 1.1332	1.0999 1.1069	1.0654 1.1485	1.0731 1.1229	1.1388	Ave		1.0925			0.5000	5.7		20.0			
2-Fluorophenol (Surr)	1.4936	1.4868 1.4489	1.4884 1.4663	1.5162 1.4709	1.5176	Ave		1.4861				1.6		20.0			
Phenol-d5 (Surr)	1.8356	1.9501 1.7490	1.8116 1.7382	1.7830 1.7442	1.8996	Ave		1.8139				4.3		20.0			
Nitrobenzene-d5 (Surr)	0.4177 0.3995	0.4058 0.3874	0.3992 0.3905	0.3968 0.3818	0.4054	Ave		0.3982				2.7		20.0			
2-Fluorobiphenyl (Surr)	1.6344 1.2399	1.4109 1.1877	1.3265 1.1814	1.2886 1.1377	1.2630	Ave		1.2967				11.7		20.0			
2,4,6-Tribromophenol (Surr)	0.1986	0.1782 0.1920	0.1845 0.1971	0.1810 0.1944	0.1873	Ave		0.1891				4.0		20.0			
Terphenyl-d14 (Surr)	0.9059 0.7324	0.8249 0.7190	0.7668 0.7171	0.7574 0.6951	0.7388	Ave		0.7619				8.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6903	0.6472		9.38	10.0	-6.2	30.0
N-Nitrosodimethylamine	Ave	0.9253	0.7776		8.40	10.0	-16.0	30.0
Pyridine	Ave	1.684	1.634		9.70	10.0	-3.0	30.0
Benzaldehyde	Ave	1.111	1.071	0.0100	19.3	20.0	-3.6	30.0
Phenol	Ave	1.891	1.832	0.8000	9.69	10.0	-3.1	30.0
Aniline	Ave	2.402	2.297		9.57	10.0	-4.3	30.0
Bis(2-chloroethyl)ether	Ave	1.506	1.415	0.7000	9.40	10.0	-6.0	30.0
2-Chlorophenol	Ave	1.543	1.512	0.8000	9.80	10.0	-2.0	30.0
n-Decane	Ave	1.911	1.813		9.48	10.0	-5.2	30.0
1,3-Dichlorobenzene	Ave	1.579	1.531		9.69	10.0	-3.1	30.0
1,4-Dichlorobenzene	Ave	1.615	1.563		9.68	10.0	-3.2	30.0
Benzyl alcohol	Ave	1.025	0.9929		9.69	10.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.531	1.463		9.56	10.0	-4.4	30.0
2-Methylphenol	Ave	1.412	1.403	0.7000	9.93	10.0	-0.7	30.0
bis (2-chloroisopropyl) ether	Ave	2.121	2.000		9.43	10.0	-5.7	30.0
Indene	Ave	2.534	2.356		18.6	20.0	-7.0	30.0
3 & 4 Methylphenol	Ave	1.469	1.437		9.78	10.0	-2.2	30.0
N-Nitrosodi-n-propylamine	Ave	0.8785	0.8794	0.5000	10.0	10.0	0.1	30.0
Acetophenone	Ave	1.988	1.939	0.0100	9.76	10.0	-2.4	30.0
Hexachloroethane	Ave	0.6359	0.6318	0.3000	9.94	10.0	-0.6	30.0
Nitrobenzene	Ave	0.3694	0.3535	0.2000	9.57	10.0	-4.3	30.0
Isophorone	Ave	0.6852	0.6871	0.4000	10.0	10.0	0.3	30.0
2-Nitrophenol	Ave	0.1669	0.1805	0.1000	10.8	10.0	8.1	30.0
2,4-Dimethylphenol	Ave	0.3580	0.3438	0.2000	9.61	10.0	-3.9	30.0
Benzoic acid	Lin1		0.2265		21.2	20.0	5.9	30.0
Bis(2-chloroethoxy)methane	Ave	0.4236	0.4028	0.3000	9.51	10.0	-4.9	30.0
2,4-Dichlorophenol	Ave	0.2940	0.2826	0.2000	9.61	10.0	-3.9	30.0
1,2,4-Trichlorobenzene	Ave	0.3022	0.2949		9.76	10.0	-2.4	30.0
Naphthalene	Ave	1.084	1.032	0.7000	9.52	10.0	-4.8	30.0
4-Chloroaniline	Ave	0.4756	0.4464	0.0100	9.39	10.0	-6.1	30.0
2,6-Dichlorophenol	Ave	0.2949	0.2868		9.73	10.0	-2.7	30.0
Hexachlorobutadiene	Ave	0.1868	0.1827	0.0100	9.78	10.0	-2.2	30.0
Caprolactam	Ave	0.1164	0.1183	0.0100	20.3	20.0	1.6	30.0
4-Chloro-3-methylphenol	Ave	0.3033	0.2997	0.2000	9.88	10.0	-1.2	30.0
2-Methylnaphthalene	Ave	0.7006	0.6481	0.4000	9.25	10.0	-7.5	30.0
1-Methylnaphthalene	Ave	0.6254	0.6114		9.78	10.0	-2.2	30.0
Hexachlorocyclopentadiene	Ave	0.2689	0.2968	0.0500	11.0	10.0	10.4	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4998	0.4717	0.0100	9.44	10.0	-5.6	30.0
2,4,6-Trichlorophenol	Ave	0.3619	0.3701	0.2000	10.2	10.0	2.3	30.0
2,4,5-Trichlorophenol	Ave	0.3794	0.3824	0.2000	10.1	10.0	0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.409	1.323	0.0100	9.39	10.0	-6.1	30.0
2-Chloronaphthalene	Ave	1.182	1.109	0.8000	9.38	10.0	-6.2	30.0
2-Nitroaniline	Ave	0.3503	0.3633	0.0100	10.4	10.0	3.7	30.0
Dimethyl phthalate	Ave	1.285	1.249	0.0100	9.72	10.0	-2.8	30.0
1,3-Dinitrobenzene	Lin1		0.2089		10.0	10.0	0.3	30.0
2,6-Dinitrotoluene	Ave	0.2818	0.2952		10.5	10.0	4.8	30.0
Acenaphthylene	Ave	1.763	1.642	0.9000	9.31	10.0	-6.9	30.0
3-Nitroaniline	Ave	0.3239	0.3357	0.0100	10.4	10.0	3.6	30.0
2,4-Dinitrophenol	Lin1		0.1483	0.0100	20.9	20.0	4.7	30.0
Acenaphthene	Ave	1.075	1.012	0.9000	9.41	10.0	-5.9	30.0
4-Nitrophenol	Ave	0.1702	0.1772		20.8	20.0	4.1	30.0
2,4-Dinitrotoluene	Ave	0.3666	0.3977	0.2000	10.8	10.0	8.5	30.0
Dibenzofuran	Ave	1.623	1.525	0.8000	9.39	10.0	-6.1	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3179	0.3218	0.0100	10.1	10.0	1.2	30.0
Diethyl phthalate	Ave	1.172	1.149	0.0100	9.80	10.0	-2.0	30.0
Hexadecane	Ave	0.5546	0.5084		9.17	10.0	-8.3	30.0
4-Chlorophenyl phenyl ether	Ave	0.6110	0.5884	0.4000	9.63	10.0	-3.7	30.0
4-Nitroaniline	Ave	0.3149	0.3341	0.0100	10.6	10.0	6.1	30.0
Fluorene	Ave	1.322	1.271	0.9000	9.61	10.0	-3.9	30.0
4,6-Dinitro-2-methylphenol	Lin1		0.1420	0.0100	20.8	20.0	3.8	30.0
N-Nitrosodiphenylamine	Ave	0.5710	0.5568	0.0100	19.5	20.0	-2.5	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7994	0.8227		10.3	10.0	2.9	30.0
Azobenzene	Ave	0.7997	0.8228		10.3	10.0	2.9	30.0
4-Bromophenyl phenyl ether	Ave	0.2298	0.2289	0.1000	9.96	10.0	-0.4	30.0
Hexachlorobenzene	Ave	0.2582	0.2429	0.1000	9.41	10.0	-5.9	30.0
Atrazine	Ave	0.2140	0.2028	0.0100	19.0	20.0	-5.2	30.0
n-Octadecane	Qua		0.7442		9.66	10.0	-3.4	30.0
Pentachlorophenol	Ave	0.1432	0.1612	0.0500	22.5	20.0	12.5	30.0
Phenanthrene	Ave	1.177	1.107	0.7000	9.41	10.0	-5.9	30.0
Anthracene	Ave	1.190	1.153	0.7000	9.69	10.0	-3.1	30.0
Carbazole	Ave	1.127	1.062	0.0100	9.42	10.0	-5.8	30.0
Di-n-butyl phthalate	Ave	1.380	1.370	0.0100	9.93	10.0	-0.7	30.0
Fluoranthene	Ave	1.321	1.260	0.6000	9.54	10.0	-4.6	30.0
Benzidine	Ave	0.5843	0.5955		20.4	20.0	1.9	30.0
Pyrene	Ave	1.135	1.058	0.6000	9.33	10.0	-6.7	30.0
Butyl benzyl phthalate	Ave	0.5142	0.5113	0.0100	9.94	10.0	-0.6	30.0
3,3'-Dichlorobenzidine	Ave	0.3952	0.3739	0.0100	18.9	20.0	-5.4	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.6579	0.6437	0.0100	9.78	10.0	-2.2	30.0
Benzo[a]anthracene	Ave	1.126	1.090	0.8000	9.68	10.0	-3.2	30.0
Chrysene	Ave	1.076	1.070	0.7000	9.95	10.0	-0.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-200091/11 | Calibration Date: 10/02/2015 14:28

Instrument ID: A4HP10 | Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) | Calib End Date: 10/02/2015 14:04

Lab File ID: 51002011.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.371	1.402	0.0100	10.2	10.0	2.3	30.0
Benzo[b]fluoranthene	Ave	1.128	1.130	0.7000	10.0	10.0	0.2	30.0
Benzo[k]fluoranthene	Ave	1.274	1.168	0.7000	9.17	10.0	-8.3	30.0
Benzo[a]pyrene	Ave	1.120	1.096	0.7000	9.78	10.0	-2.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.233	1.234	0.5000	10.0	10.0	0.0	30.0
Dibenz(a,h)anthracene	Ave	1.024	1.069	0.4000	10.4	10.0	4.4	30.0
Benzo[g,h,i]perylene	Ave	1.092	1.107	0.5000	10.1	10.0	1.3	30.0
2-Fluorophenol (Surr)	Ave	1.486	1.530		10.3	10.0	3.0	30.0
Phenol-d5 (Surr)	Ave	1.814	1.897		10.5	10.0	4.6	30.0
Nitrobenzene-d5 (Surr)	Ave	0.3982	0.4088		10.3	10.0	2.6	30.0
2-Fluorobiphenyl (Surr)	Ave	1.297	1.284		9.90	10.0	-1.0	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1891	0.2114		11.2	10.0	11.8	30.0
Terphenyl-d14 (Surr)	Ave	0.7619	0.7747		10.2	10.0	1.7	30.0

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111001.D DFTPP Injection Date: 11/11/2015

Instrument ID: A4HP10 DFTPP Injection Time: 09:12

Analysis Batch No.: 206256

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	40.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	34.5	
70	Less than 2.0% of mass 69	0.2	(0.5)1
127	25.0 - 75.0% of mass 198	50.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	25.4	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	8.7	
442	40.0 - 110.0% of mass 198	95.2	
443	15.0 - 24.0% of mass 442	18.5	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-206256/2	51111002.D	11/11/2015	09:34
	MB 240-205786/23-A	51111004.D	11/11/2015	10:27
	LCS 240-205786/24-A	51111005.D	11/11/2015	10:51
F-VB-UST-1-14	240-57597-1	51111006.D	11/11/2015	11:16
F-VB-UST-2-14	240-57597-2	51111007.D	11/11/2015	11:40
F-VB-UST-3-14	240-57597-3	51111008.D	11/11/2015	12:05
F-VB-UST-4-14	240-57597-4	51111009.D	11/11/2015	12:30
F-VB-UST-5-14	240-57597-5	51111010.D	11/11/2015	12:54
F-VB-UST-6-14	240-57597-6	51111011.D	11/11/2015	13:19
F-VB-UST-7-14	240-57597-7	51111012.D	11/11/2015	13:44
F-VB-UST-8-14	240-57597-8	51111013.D	11/11/2015	14:08
F-VB-UST-9-14	240-57597-9	51111014.D	11/11/2015	14:33
F-VB-UST-10-14	240-57597-10	51111015.D	11/11/2015	14:57

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6903	0.5705		8.27	10.0	-17.3	20.0
N-Nitrosodimethylamine	Ave	0.9253	0.7500		8.11	10.0	-18.9	20.0
Pyridine	Ave	1.684	1.387		8.23	10.0	-17.7	20.0
Benzaldehyde	Ave	1.111	0.6352	0.0100	11.4	20.0	-42.8*	20.0
Phenol	Ave	1.891	1.893	0.8000	10.0	10.0	0.0	20.0
Aniline	Ave	2.402	2.168		9.03	10.0	-9.7	20.0
Bis(2-chloroethyl)ether	Ave	1.506	1.420	0.7000	9.43	10.0	-5.7	20.0
2-Chlorophenol	Ave	1.543	1.438	0.8000	9.32	10.0	-6.8	20.0
n-Decane	Ave	1.911	1.929		10.1	10.0	0.9	20.0
1,3-Dichlorobenzene	Ave	1.579	1.537		9.73	10.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.615	1.575		9.76	10.0	-2.4	20.0
Benzyl alcohol	Ave	1.025	0.3563		3.48	10.0	-65.2*	20.0
1,2-Dichlorobenzene	Ave	1.531	1.486		9.70	10.0	-3.0	20.0
2-Methylphenol	Ave	1.412	1.308	0.7000	9.27	10.0	-7.3	20.0
bis (2-chloroisopropyl) ether	Ave	2.121	2.250		10.6	10.0	6.1	20.0
Indene	Ave	2.534	2.469		19.5	20.0	-2.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.8785	0.8567	0.5000	9.75	10.0	-2.5	20.0
3 & 4 Methylphenol	Ave	1.469	1.380		9.39	10.0	-6.1	20.0
Acetophenone	Ave	1.988	1.975	0.0100	9.93	10.0	-0.7	20.0
Hexachloroethane	Ave	0.6359	0.6671	0.3000	10.5	10.0	4.9	20.0
Nitrobenzene	Ave	0.3694	0.3589	0.2000	9.72	10.0	-2.8	20.0
Isophorone	Ave	0.6852	0.6730	0.4000	9.82	10.0	-1.8	20.0
2-Nitrophenol	Ave	0.1669	0.1844	0.1000	11.0	10.0	10.5	20.0
2,4-Dimethylphenol	Ave	0.3580	0.3249	0.2000	9.07	10.0	-9.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.4236	0.4023	0.3000	9.50	10.0	-5.0	20.0
Benzoic acid	Lin1		0.1787		17.0	20.0	-15.1	20.0
2,4-Dichlorophenol	Ave	0.2940	0.2941	0.2000	10.0	10.0	0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3022	0.3090		10.2	10.0	2.2	20.0
Naphthalene	Ave	1.084	1.060	0.7000	9.78	10.0	-2.2	20.0
4-Chloroaniline	Ave	0.4756	0.4439	0.0100	9.33	10.0	-6.7	20.0
2,6-Dichlorophenol	Ave	0.2949	0.2816		9.55	10.0	-4.5	20.0
Hexachlorobutadiene	Ave	0.1868	0.1936	0.0100	10.4	10.0	3.6	20.0
Caprolactam	Ave	0.1164	0.1013	0.0100	17.4	20.0	-12.9	20.0
4-Chloro-3-methylphenol	Ave	0.3033	0.3014	0.2000	9.94	10.0	-0.6	20.0
2-Methylnaphthalene	Ave	0.7006	0.6945	0.4000	9.91	10.0	-0.9	20.0
1-Methylnaphthalene	Ave	0.6254	0.6095		9.75	10.0	-2.5	20.0
Hexachlorocyclopentadiene	Ave	0.2689	0.1923	0.0500	7.15	10.0	-28.5*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4998	0.5133	0.0100	10.3	10.0	2.7	20.0
2,4,6-Trichlorophenol	Ave	0.3619	0.3550	0.2000	9.81	10.0	-1.9	20.0
2,4,5-Trichlorophenol	Ave	0.3794	0.3767	0.2000	9.93	10.0	-0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.409	1.370	0.0100	9.72	10.0	-2.8	20.0
2-Chloronaphthalene	Ave	1.182	1.123	0.8000	9.50	10.0	-5.0	20.0
2-Nitroaniline	Ave	0.3503	0.3581	0.0100	10.2	10.0	2.2	20.0
Dimethyl phthalate	Ave	1.285	1.285	0.0100	10.0	10.0	0.0	20.0
1,3-Dinitrobenzene	Lin1		0.2007		9.65	10.0	-3.5	20.0
2,6-Dinitrotoluene	Ave	0.2818	0.2901		10.3	10.0	3.0	20.0
Acenaphthylene	Ave	1.763	1.739	0.9000	9.87	10.0	-1.3	20.0
3-Nitroaniline	Ave	0.3239	0.3137	0.0100	9.68	10.0	-3.2	20.0
Acenaphthene	Ave	1.075	1.050	0.9000	9.77	10.0	-2.3	20.0
2,4-Dinitrophenol	Lin1		0.1133	0.0100	16.5	20.0	-17.5	20.0
4-Nitrophenol	Ave	0.1702	0.1831		21.5	20.0	7.6	20.0
2,4-Dinitrotoluene	Ave	0.3666	0.3849	0.2000	10.5	10.0	5.0	20.0
Dibenzofuran	Ave	1.623	1.575	0.8000	9.70	10.0	-3.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3179	0.2913	0.0100	9.16	10.0	-8.4	20.0
Diethyl phthalate	Ave	1.172	1.234	0.0100	10.5	10.0	5.3	20.0
Hexadecane	Ave	0.5546	0.5740		10.3	10.0	3.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6110	0.5883	0.4000	9.63	10.0	-3.7	20.0
4-Nitroaniline	Ave	0.3149	0.2932	0.0100	9.31	10.0	-6.9	20.0
Fluorene	Ave	1.322	1.299	0.9000	9.82	10.0	-1.8	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1067	0.0100	16.0	20.0	-20.0	20.0
N-Nitrosodiphenylamine	Ave	0.5710	0.5894	0.0100	20.6	20.0	3.2	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7994	0.7848		9.81	10.0	-1.8	20.0
Azobenzene	Ave	0.7997	0.7841		9.80	10.0	-2.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2298	0.2307	0.1000	10.0	10.0	0.4	20.0
Hexachlorobenzene	Ave	0.2582	0.2467	0.1000	9.55	10.0	-4.5	20.0
Atrazine	Ave	0.2140	0.2111	0.0100	19.7	20.0	-1.4	20.0
n-Octadecane	Qua		0.9708		13.8	10.0	37.9*	20.0
Pentachlorophenol	Ave	0.1432	0.1286	0.0500	18.0	20.0	-10.2	20.0
Phenanthrene	Ave	1.177	1.137	0.7000	9.66	10.0	-3.4	20.0
Anthracene	Ave	1.190	1.146	0.7000	9.63	10.0	-3.7	20.0
Carbazole	Ave	1.127	1.044	0.0100	9.26	10.0	-7.4	20.0
Di-n-butyl phthalate	Ave	1.380	1.388	0.0100	10.1	10.0	0.6	20.0
Fluoranthene	Ave	1.321	1.235	0.6000	9.35	10.0	-6.5	20.0
Benzidine	Ave	0.5843	0.3860		13.2	20.0	-33.9*	20.0
Pyrene	Ave	1.135	1.113	0.6000	9.81	10.0	-1.9	20.0
Butyl benzyl phthalate	Ave	0.5142	0.5301	0.0100	10.3	10.0	3.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.6579	0.7290	0.0100	11.1	10.0	10.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3952	0.3826	0.0100	19.4	20.0	-3.2	20.0
Benzo[a]anthracene	Ave	1.126	1.060	0.8000	9.41	10.0	-5.9	20.0
Chrysene	Ave	1.076	0.9787	0.7000	9.10	10.0	-9.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206256/2 | Calibration Date: 11/11/2015 09:34

Instrument ID: A4HP10 | Calib Start Date: 10/02/2015 10:48

GC Column: DB-624 ID: 0.18(mm) | Calib End Date: 10/02/2015 14:04

Lab File ID: 51111002.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.371	1.497	0.0100	10.9	10.0	9.2	20.0
Benzo[b]fluoranthene	Ave	1.128	1.167	0.7000	10.3	10.0	3.5	20.0
Benzo[k]fluoranthene	Ave	1.274	1.217	0.7000	9.55	10.0	-4.5	20.0
Benzo[a]pyrene	Ave	1.120	1.130	0.7000	10.1	10.0	0.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.233	1.265	0.5000	10.3	10.0	2.6	20.0
Dibenz(a,h)anthracene	Ave	1.024	1.075	0.4000	10.5	10.0	5.0	20.0
Benzo[g,h,i]perylene	Ave	1.092	1.055	0.5000	9.66	10.0	-3.4	20.0
2-Fluorophenol (Surr)	Ave	1.486	1.313		8.83	10.0	-11.7	20.0
Phenol-d5 (Surr)	Ave	1.814	1.632		9.00	10.0	-10.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3982	0.3544		8.90	10.0	-11.0	20.0
2-Fluorobiphenyl (Surr)	Ave	1.297	1.228		9.47	10.0	-5.3	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1891	0.1700		8.99	10.0	-10.1	20.0
Terphenyl-d14 (Surr)	Ave	0.7619	0.7712		10.1	10.0	1.2	20.0

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51030001.D DFTPP Injection Date: 10/30/2015

Instrument ID: A4HP9 DFTPP Injection Time: 12:57

Analysis Batch No.: 204569

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	46.3	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	51.4	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	59.4	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.3	
275	10.0- 30.0% of mass 198	21.2	
365	Greater than 0.75% of mass 198	3.2	
441	Present, but less than mass 443	0.3	
442	40.0 - 110.0% of mass 198	85.4	
443	15.0 - 24.0% of mass 442	16.8	(19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-204569/2	51030002.D	10/30/2015	13:19
	STD4 240-204569/3	51030003.D	10/30/2015	13:44
	STD3 240-204569/4	51030004.D	10/30/2015	14:10
	STD2 240-204569/5	51030005.D	10/30/2015	14:35
	STD1 240-204569/6	51030006.D	10/30/2015	15:01
	STD9 240-204569/7	51030007.D	10/30/2015	15:27
	STD8 240-204569/8	51030008.D	10/30/2015	15:52
	STD7 240-204569/9	51030009.D	10/30/2015	16:17
	STD6 240-204569/10	51030010.D	10/30/2015	16:42
	ICV 240-204569/11	51030011.D	10/30/2015	17:08

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-204569/6	51030006.D
Level 2	STD2 240-204569/5	51030005.D
Level 3	STD3 240-204569/4	51030004.D
Level 4	STD4 240-204569/3	51030003.D
Level 5	STD5 240-204569/2	51030002.D
Level 6	STD6 240-204569/10	51030010.D
Level 7	STD7 240-204569/9	51030009.D
Level 8	STD8 240-204569/8	51030008.D
Level 9	STD9 240-204569/7	51030007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7879	0.6702 0.7724	0.7963 0.7912	0.7519 0.7577	0.7576	Ave		0.7606				5.3		20.0			
N-Nitrosodimethylamine	1.1590	1.0469 1.1257	0.9916 1.1673	1.0993 1.1059	1.0809	Ave		1.0971				5.3		20.0			
Pyridine	2.0907	2.0205 1.9910	1.8876 2.0977	2.0118 1.9855	2.0565	Ave		2.0177				3.3		20.0			
Benzaldehyde	1.3725	1.5727 1.2076	1.5657 1.2344	1.5133 +++++	1.4739	Ave		1.4200			0.0100	10.7		20.0			
Phenol	2.1853	2.1727 2.0136	2.0934 2.0804	2.1195 1.9722	2.1525	Ave		2.0987			0.8000	3.6		20.0			
Aniline	2.7280	2.6247 2.5385	2.6136 2.6466	2.6262 2.5459	2.6111	Ave		2.6168				2.3		20.0			
Bis(2-chloroethyl)ether	1.8558	1.9142 1.6942	1.8429 1.7572	1.8447 1.6890	1.8270	Ave		1.8031			0.7000	4.5		20.0			
2-Chlorophenol	1.5989	1.4425 1.5006	1.5455 1.5432	1.5087 1.4819	1.5120	Ave		1.5167			0.8000	3.1		20.0			
n-Decane	1.7829	1.8718 1.6389	1.8936 1.6552	1.8312 1.5772	1.8099	Ave		1.7576				6.7		20.0			
1,3-Dichlorobenzene	1.6084	1.5596 1.5011	1.6679 1.5578	1.6175 1.4910	1.5792	Ave		1.5728				3.8		20.0			
1,4-Dichlorobenzene	1.6334	1.6944 1.5231	1.6061 1.5860	1.6427 1.5227	1.6060	Ave		1.6018				3.7		20.0			
Benzyl alcohol	1.1163	0.8791 1.0801	0.9185 1.1234	0.9897 1.0846	1.0413	Ave		1.0291				8.9		20.0			
1,2-Dichlorobenzene	1.5481	1.6647 1.4507	1.5548 1.5234	1.5786 1.4511	1.5515	Ave		1.5404				4.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	1.6435	1.5529 1.5278	1.5884 1.6065	1.5262 1.5342	1.5781	Ave		1.5697			0.7000	2.7		20.0			
bis (2-chloroisopropyl) ether	2.0663	2.1290 1.9114	2.1504 1.9756	2.0501 1.8678	2.0388	Ave		2.0237				4.9		20.0			
Indene	2.7276	2.8401 2.4658	2.8969 2.5378	2.8654 2.3993	2.7687	Ave		2.6877				7.2		20.0			
3 & 4 Methylphenol	1.6857	1.6121 1.5969	1.5331 1.6527	1.6625 1.5643	1.6490	Ave		1.6195				3.2		20.0			
N-Nitrosodi-n-propylamine	1.1989	1.1171 1.1083	1.1602 1.1430	1.1470 1.0752	1.1583	Ave		1.1385			0.5000	3.3		20.0			
Acetophenone	2.3832	2.4667 2.2595	2.3410 2.3395	2.3767 2.2604	2.3981	Ave		2.3531			0.0100	3.0		20.0			
Hexachloroethane	0.6860	0.6898 0.6531	0.6582 0.6793	0.6592 0.6596	0.6614	Ave		0.6683			0.3000	2.1		20.0			
Nitrobenzene	0.4587	0.4485 0.4327	0.4414 0.4340	0.4609 0.4248	0.4662	Ave		0.4459			0.2000	3.4		20.0			
Isophorone	0.7828	0.7464 0.7590	0.7806 0.7476	0.7726 0.7157	0.7963	Ave		0.7626			0.4000	3.4		20.0			
2-Nitrophenol	0.1828	0.1373 0.1790	0.1472 0.1753	0.1582 0.1700	0.1781	Ave		0.1660			0.1000	10.0		20.0			
2,4-Dimethylphenol	0.3869	0.3987 0.3723	0.4012 0.3647	0.3813 0.3471	0.4020	Ave		0.3818			0.2000	5.1		20.0			
Benzoic acid	0.2127	+++++ 0.2174	0.0852 0.2213	0.1129 0.2114	0.1510	Lin1	-0.359	0.2234							0.9960		0.9900
Bis(2-chloroethoxy)methane	0.4632	0.4830 0.4267	0.4845 0.4231	0.4695 0.4030	0.4779	Ave		0.4539			0.3000	7.0		20.0			
2,4-Dichlorophenol	0.2586	0.2322 0.2510	0.2551 0.2491	0.2461 0.2424	0.2571	Ave		0.2489			0.2000	3.5		20.0			
1,2,4-Trichlorobenzene	0.2904	0.3057 0.2778	0.3084 0.2753	0.2978 0.2688	0.3048	Ave		0.2911				5.3		20.0			
Naphthalene	1.3148 1.0745	1.1643 1.0146	1.1361 0.9888	1.0999 0.9493	1.0983	Ave		1.0934			0.7000	9.9		20.0			
4-Chloroaniline	0.4907	0.4694 0.4709	0.4675 0.4648	0.4499 0.4471	0.4606	Ave		0.4651			0.0100	2.9		20.0			
2,6-Dichlorophenol	0.2619	0.2609 0.2504	0.2649 0.2440	0.2474 0.2401	0.2580	Ave		0.2535				3.6		20.0			
Hexachlorobutadiene	0.1543	0.1757 0.1478	0.1596 0.1459	0.1568 0.1417	0.1563	Ave		0.1548			0.0100	6.8		20.0			
Caprolactam	0.1199	0.0914 0.1182	0.1059 0.1173	0.1129 0.1147	0.1141	Ave		0.1118			0.0100	8.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.3405	0.2915 0.3291	0.2982 0.3289	0.3051 0.3200	0.3280	Ave		0.3177			0.2000	5.5		20.0			
2-Methylnaphthalene	0.6714 0.6849	0.7552 0.6463	0.7151 0.6273	0.6901 0.5996	0.7011	Ave		0.6768			0.4000	7.0		20.0			
1-Methylnaphthalene	0.6508 0.6069	0.6257 0.5675	0.6232 0.5547	0.6191 0.5412	0.6146	Ave		0.6004				6.2		20.0			
Hexachlorocyclopentadiene	0.2836	0.2033 0.2937	0.2109 0.2923	0.2357 0.2863	0.2621	Ave		0.2585			0.0500	14.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.4829	0.5543 0.4681	0.5241 0.4467	0.5277 0.4361	0.5085	Ave		0.4935			0.0100	8.5		20.0			
2,4,6-Trichlorophenol	0.3520	0.3202 0.3511	0.3243 0.3405	0.3380 0.3354	0.3397	Ave		0.3377			0.2000	3.3		20.0			
2,4,5-Trichlorophenol	0.3611	0.3258 0.3643	0.3548 0.3514	0.3345 0.3507	0.3665	Ave		0.3511			0.2000	4.1		20.0			
1,1'-Biphenyl	1.7382 1.5054	1.7110 1.4492	1.5822 1.3989	1.5786 1.3700	1.5456	Ave		1.5421			0.0100	8.3		20.0			
2-Chloronaphthalene	1.3119 1.1298	1.2573 1.0949	1.1833 1.0732	1.1920 1.0363	1.1795	Ave		1.1620			0.8000	7.6		20.0			
2-Nitroaniline	0.4424	0.3228 0.4442	0.3489 0.4281	0.3983 0.4198	0.4199	Ave		0.4031			0.0100	11.0		20.0			
Dimethyl phthalate	1.2250	1.3046 1.1901	1.2480 1.1306	1.2490 1.1063	1.2488	Ave		1.2128			0.0100	5.5		20.0			
1,3-Dinitrobenzene	0.2148	0.1418 0.2208	0.1424 0.2112	0.1739 0.2124	0.1993	Ave		0.1896				17.2		20.0			
2,6-Dinitrotoluene	0.3015	0.2515 0.2974	0.2744 0.2833	0.2734 0.2819	0.2878	Ave		0.2814				5.6		20.0			
Acenaphthylene	2.1239 1.9191	1.8953 1.8490	1.9145 1.7759	1.9143 1.7344	1.9293	Ave		1.8951			0.9000	5.8		20.0			
3-Nitroaniline	0.3684	0.2911 0.3658	0.3323 0.3564	0.3421 0.3575	0.3522	Ave		0.3457			0.0100	7.2		20.0			
2,4-Dinitrophenol	0.1226	+++++ 0.1490	0.0184 0.1495	0.0295 0.1498	0.0689	Lin	-0.576	0.1620			0.0100				0.9940		0.9900
Acenaphthene	1.4818 1.1919	1.3172 1.1478	1.2378 1.0901	1.2469 1.0790	1.2360	Ave		1.2254			0.9000	10.1		20.0			
4-Nitrophenol	0.2363	0.1350 0.2358	0.1725 0.2308	0.1994 0.2253	0.2085	Ave		0.2054				17.5		20.0			
2,4-Dinitrotoluene	0.3819	0.2653 0.3890	0.3195 0.3921	0.3356 0.3853	0.3775	Ave		0.3558			0.2000	12.7		20.0			
Dibenzofuran	1.9633 1.5887	1.8065 1.5423	1.6844 1.4828	1.6535 1.4457	1.6428	Ave		1.6455			0.8000	9.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.2882	0.2083 0.2752	0.2408 0.2694	0.2697 0.2698	0.2803	Ave		0.2627			0.0100	9.9		20.0			
Hexadecane	0.8423	0.9528 0.7419	0.9952 0.6898	0.9799 +++++	0.9285	Ave		0.8758				13.8		20.0			
Diethyl phthalate	1.1435	1.3219 1.1140	1.3222 1.0714	1.3321 1.0617	1.2828	Ave		1.2062			0.0100	9.9		20.0			
4-Chlorophenyl phenyl ether	0.5893	0.6305 0.5829	0.6266 0.5548	0.6099 0.5380	0.5949	Ave		0.5909			0.4000	5.5		20.0			
4-Nitroaniline	0.3862	0.2821 0.3889	0.3158 0.3676	0.3459 0.3461	0.3410	Ave		0.3467			0.0100	10.3		20.0			
Fluorene	1.4143 1.3000	1.3977 1.2358	1.3185 1.1690	1.3302 1.1121	1.3108	Ave		1.2876			0.9000	7.7		20.0			
4,6-Dinitro-2-methylphenol	0.1273	+++++ 0.1312	0.0456 0.1282	0.0664 0.1258	0.0946	Lin1	-0.215	0.1327			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.5686	0.5541 0.4887	0.5453 0.4764	0.5445 0.4597	0.5726	Ave		0.5262			0.0100	8.4		20.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.1353	1.0022 0.9923	0.9840 0.9576	1.0232 0.9032	1.1113	Ave		1.0141				7.6		20.0			
Azobenzene	1.1352	1.0064 0.9924	0.9829 0.9577	1.0228 0.9034	1.1118	Ave		1.0141				7.6		20.0			
4-Bromophenyl phenyl ether	0.2076	0.1841 0.1792	0.1926 0.1792	0.1849 0.1705	0.1914	Ave		0.1862			0.1000	6.0		20.0			
Hexachlorobenzene	0.2326 0.2013	0.2025 0.1742	0.1926 0.1716	0.1883 0.1642	0.1879	Ave		0.1906			0.1000	10.8		20.0			
Atrazine	0.2016	0.1731 0.1708	0.1758 0.1648	0.1724 0.1578	0.1894	Ave		0.1757			0.0100	7.9		20.0			
n-Octadecane	0.5786	0.4969 0.4950	0.5220 0.4662	0.5373 0.4319	0.5750	Ave		0.5128				9.9		20.0			
Pentachlorophenol	0.1310	0.0630 0.1277	0.0723 0.1247	0.0870 0.1199	0.1058	Lin1	-0.089	0.1258			0.0500				0.9970		0.9900
Phenanthrene	1.3770 1.1812	1.2617 1.0880	1.2072 1.0839	1.1682 1.0482	1.1923	Ave		1.1786			0.7000	8.6		20.0			
Anthracene	1.1316 1.2010	1.1640 1.1155	1.1522 1.1046	1.1498 1.0751	1.1966	Ave		1.1434			0.7000	3.6		20.0			
Carbazole	1.1181	0.9855 1.0121	1.0010 0.9736	0.9681 0.9190	0.9888	Ave		0.9958			0.0100	5.7		20.0			
Di-n-butyl phthalate	1.4278	1.0543 1.2449	1.0537 1.1894	1.0836 1.1345	1.2603	Ave		1.1811			0.0100	10.9		20.0			
Fluoranthene	1.1437 1.2640	1.1063 1.1301	1.1177 1.0882	1.0757 1.0483	1.1538	Ave		1.1253			0.6000	5.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 204569

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2015 13:19 Calibration End Date: 10/30/2015 16:42 Calibration ID: 31170

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6951	0.3632 0.6772	0.4149 0.6916	0.4087 0.6334	0.5454	Lin1	-0.483	0.6732							0.9940		0.9900
Pyrene	1.2053 1.1794	1.2231 1.1038	1.2032 1.1259	1.1539 1.0853	1.2062	Ave		1.1651			0.6000	4.3		20.0			
Butyl benzyl phthalate	0.5806	0.4429 0.5620	0.4886 0.5776	0.4908 0.5538	0.5224	Ave		0.5273			0.0100	9.4		20.0			
Bis(2-ethylhexyl) phthalate	0.7846	0.5860 0.7590	0.6528 0.7817	0.6396 0.7552	0.7101	Ave		0.7086			0.0100	10.5		20.0			
3,3'-Dichlorobenzidine	0.3701	0.2827 0.3612	0.3127 0.3755	0.3218 0.3615	0.3555	Ave		0.3426			0.0100	9.6		20.0			
Benzo[a]anthracene	1.1876 1.1606	1.1259 1.0983	1.0942 1.1316	1.0394 1.1004	1.0862	Ave		1.1138			0.8000	3.9		20.0			
Chrysene	1.2471 1.1079	1.2562 1.0636	1.1353 1.0780	1.0870 1.0408	1.1277	Ave		1.1271			0.7000	6.8		20.0			
Di-n-octyl phthalate	1.5859	0.8921 1.6214	1.0660 1.6195	1.1495 1.5780	1.2347	Lin1	-0.537	1.6089			0.0100				0.9960		0.9900
Benzo[b]fluoranthene	0.6162 1.2204	0.9128 1.1527	0.9577 1.1512	1.0001 1.2028	1.0888	Ave		1.0336			0.7000	18.4		20.0			
Benzo[k]fluoranthene	1.3131 1.3193	1.3524 1.3266	1.2758 1.3571	1.3772 1.2656	1.4179	Ave		1.3339			0.7000	3.6		20.0			
Benzo[a]pyrene	0.8263 1.2313	1.0262 1.1934	1.0302 1.1949	1.0741 1.1922	1.1168	Ave		1.0984			0.7000	11.6		20.0			
Indeno[1,2,3-cd]pyrene	0.7163 1.2561	0.9705 1.2084	0.9906 1.2361	1.1154 1.2234	1.2408	Ave		1.1064			0.5000	16.5		20.0			
Dibenz(a,h)anthracene	0.5695 1.0470	0.7363 0.9974	0.7350 1.0228	0.8353 0.9987	0.9400	Ave		0.8758			0.4000	18.9		20.0			
Benzo[g,h,i]perylene	0.8647 1.0804	0.9477 1.0159	0.9127 1.0424	0.9792 1.0274	1.0726	Ave		0.9937			0.5000	7.4		20.0			
2-Fluorophenol (Surr)	1.5911	1.4167 1.5027	1.4944 1.5649	1.5041 1.4888	1.5108	Ave		1.5092				3.5		20.0			
Phenol-d5 (Surr)	2.0299	1.9547 1.8921	2.0082 1.9505	2.0039 1.8641	1.9846	Ave		1.9610				3.0		20.0			
Nitrobenzene-d5 (Surr)	0.5016 0.4763	0.4486 0.4608	0.4786 0.4646	0.4647 0.4426	0.4825	Ave		0.4689				3.9		20.0			
2-Fluorobiphenyl (Surr)	1.4656 1.2301	1.3221 1.1942	1.2848 1.1497	1.3000 1.1252	1.2728	Ave		1.2605				8.1		20.0			
2,4,6-Tribromophenol (Surr)	0.1475	0.1223 0.1518	0.1207 0.1515	0.1348 0.1508	0.1415	Ave		0.1401				9.2		20.0			
Terphenyl-d14 (Surr)	0.8153 0.7449	0.7288 0.7126	0.7158 0.7256	0.7120 0.7014	0.7254	Ave		0.7313				4.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 | Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 | Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) | Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D | Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7606	0.7555		9.93	10.0	-0.7	30.0
N-Nitrosodimethylamine	Ave	1.097	0.9653		8.80	10.0	-12.0	30.0
Pyridine	Ave	2.018	1.970		9.76	10.0	-2.4	30.0
Benzaldehyde	Ave	1.420	1.308	0.0100	18.4	20.0	-7.9	30.0
Phenol	Ave	2.099	2.079	0.8000	9.91	10.0	-0.9	30.0
Aniline	Ave	2.617	2.563		9.79	10.0	-2.1	30.0
Bis(2-chloroethyl)ether	Ave	1.803	1.702	0.7000	9.44	10.0	-5.6	30.0
2-Chlorophenol	Ave	1.517	1.526	0.8000	10.1	10.0	0.6	30.0
n-Decane	Ave	1.758	1.658		9.44	10.0	-5.6	30.0
1,3-Dichlorobenzene	Ave	1.573	1.505		9.57	10.0	-4.3	30.0
1,4-Dichlorobenzene	Ave	1.602	1.552		9.69	10.0	-3.1	30.0
Benzyl alcohol	Ave	1.029	1.068		10.4	10.0	3.8	30.0
1,2-Dichlorobenzene	Ave	1.540	1.462		9.49	10.0	-5.1	30.0
2-Methylphenol	Ave	1.570	1.558	0.7000	9.93	10.0	-0.7	30.0
bis (2-chloroisopropyl) ether	Ave	2.024	1.968		9.73	10.0	-2.7	30.0
Indene	Ave	2.688	2.473		18.4	20.0	-8.0	30.0
3 & 4 Methylphenol	Ave	1.620	1.612		9.96	10.0	-0.4	30.0
N-Nitrosodi-n-propylamine	Ave	1.139	1.142	0.5000	10.0	10.0	0.3	30.0
Acetophenone	Ave	2.353	2.256	0.0100	9.59	10.0	-4.1	30.0
Hexachloroethane	Ave	0.6683	0.6557	0.3000	9.81	10.0	-1.9	30.0
Nitrobenzene	Ave	0.4459	0.4395	0.2000	9.86	10.0	-1.4	30.0
Isophorone	Ave	0.7626	0.7927	0.4000	10.4	10.0	3.9	30.0
2-Nitrophenol	Ave	0.1660	0.1808	0.1000	10.9	10.0	8.9	30.0
2,4-Dimethylphenol	Ave	0.3818	0.3725	0.2000	9.76	10.0	-2.4	30.0
Benzoic acid	Lin1		0.2152		20.9	20.0	4.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4539	0.4473	0.3000	9.86	10.0	-1.4	30.0
2,4-Dichlorophenol	Ave	0.2489	0.2521	0.2000	10.1	10.0	1.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2911	0.2788		9.58	10.0	-4.2	30.0
Naphthalene	Ave	1.093	1.042	0.7000	9.53	10.0	-4.7	30.0
4-Chloroaniline	Ave	0.4651	0.4784	0.0100	10.3	10.0	2.9	30.0
2,6-Dichlorophenol	Ave	0.2535	0.2551		10.1	10.0	0.6	30.0
Hexachlorobutadiene	Ave	0.1548	0.1494	0.0100	9.65	10.0	-3.5	30.0
Caprolactam	Ave	0.1118	0.1204	0.0100	21.5	20.0	7.7	30.0
4-Chloro-3-methylphenol	Ave	0.3177	0.3422	0.2000	10.8	10.0	7.7	30.0
2-Methylnaphthalene	Ave	0.6768	0.6510	0.4000	9.62	10.0	-3.8	30.0
1-Methylnaphthalene	Ave	0.6004	0.6115		10.2	10.0	1.9	30.0
Hexachlorocyclopentadiene	Ave	0.2585	0.2932	0.0500	11.3	10.0	13.4	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4935	0.4572	0.0100	9.26	10.0	-7.4	30.0
2,4,6-Trichlorophenol	Ave	0.3377	0.3579	0.2000	10.6	10.0	6.0	30.0
2,4,5-Trichlorophenol	Ave	0.3511	0.3667	0.2000	10.4	10.0	4.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.542	1.453	0.0100	9.42	10.0	-5.8	30.0
2-Chloronaphthalene	Ave	1.162	1.117	0.8000	9.62	10.0	-3.8	30.0
2-Nitroaniline	Ave	0.4031	0.4426	0.0100	11.0	10.0	9.8	30.0
Dimethyl phthalate	Ave	1.213	1.228	0.0100	10.1	10.0	1.2	30.0
1,3-Dinitrobenzene	Ave	0.1896	0.2188		11.5	10.0	15.4	30.0
2,6-Dinitrotoluene	Ave	0.2814	0.2991		10.6	10.0	6.3	30.0
Acenaphthylene	Ave	1.895	1.849	0.9000	9.76	10.0	-2.4	30.0
3-Nitroaniline	Ave	0.3457	0.3664	0.0100	10.6	10.0	6.0	30.0
2,4-Dinitrophenol	Lin		0.1277	0.0100	19.3	20.0	-3.4	30.0
Acenaphthene	Ave	1.225	1.185	0.9000	9.67	10.0	-3.3	30.0
4-Nitrophenol	Ave	0.2054	0.2330		22.7	20.0	13.4	30.0
2,4-Dinitrotoluene	Ave	0.3558	0.3806	0.2000	10.7	10.0	7.0	30.0
Dibenzofuran	Ave	1.646	1.554	0.8000	9.44	10.0	-5.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2627	0.2874	0.0100	10.9	10.0	9.4	30.0
Diethyl phthalate	Ave	1.206	1.131	0.0100	9.38	10.0	-6.2	30.0
Hexadecane	Ave	0.8758	0.8247		9.42	10.0	-5.8	30.0
4-Chlorophenyl phenyl ether	Ave	0.5909	0.5890	0.4000	9.97	10.0	-0.3	30.0
4-Nitroaniline	Ave	0.3467	0.3816	0.0100	11.0	10.0	10.1	30.0
Fluorene	Ave	1.288	1.273	0.9000	9.89	10.0	-1.1	30.0
4,6-Dinitro-2-methylphenol	Lin1		0.1284	0.0100	21.0	20.0	4.8	30.0
N-Nitrosodiphenylamine	Ave	0.5262	0.5266	0.0100	20.0	20.0	0.0	30.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.014	1.113		11.0	10.0	9.8	30.0
Azobenzene	Ave	1.014	1.112		11.0	10.0	9.7	30.0
4-Bromophenyl phenyl ether	Ave	0.1862	0.1987	0.1000	10.7	10.0	6.7	30.0
Hexachlorobenzene	Ave	0.1906	0.1906	0.1000	10.0	10.0	0.0	30.0
Atrazine	Ave	0.1757	0.1916	0.0100	21.8	20.0	9.0	30.0
n-Octadecane	Ave	0.5128	0.5469		10.7	10.0	6.6	30.0
Pentachlorophenol	Lin1		0.1354	0.0500	22.2	20.0	11.1	30.0
Phenanthrene	Ave	1.179	1.105	0.7000	9.38	10.0	-6.2	30.0
Anthracene	Ave	1.143	1.148	0.7000	10.0	10.0	0.4	30.0
Carbazole	Ave	0.996	1.069	0.0100	10.7	10.0	7.3	30.0
Di-n-butyl phthalate	Ave	1.181	1.389	0.0100	11.8	10.0	17.6	30.0
Fluoranthene	Ave	1.125	1.216	0.6000	10.8	10.0	8.0	30.0
Benzidine	Lin1		0.6541		20.2	20.0	0.8	30.0
Pyrene	Ave	1.165	1.126	0.6000	9.66	10.0	-3.4	30.0
Butyl benzyl phthalate	Ave	0.5273	0.5758	0.0100	10.9	10.0	9.2	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7086	0.7773	0.0100	11.0	10.0	9.7	30.0
3,3'-Dichlorobenzidine	Ave	0.3426	0.3569	0.0100	20.8	20.0	4.2	30.0
Benzo[a]anthracene	Ave	1.114	1.131	0.8000	10.2	10.0	1.6	30.0
Chrysene	Ave	1.127	1.120	0.7000	9.93	10.0	-0.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-204569/11 Calibration Date: 10/30/2015 17:08

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51030011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Lin1		1.598	0.0100	10.3	10.0	2.7	30.0
Benzo[b]fluoranthene	Ave	1.034	1.155	0.7000	11.2	10.0	11.8	30.0
Benzo[k]fluoranthene	Ave	1.334	1.317	0.7000	9.87	10.0	-1.3	30.0
Benzo[a]pyrene	Ave	1.098	1.155	0.7000	10.5	10.0	5.2	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.106	1.175	0.5000	10.6	10.0	6.2	30.0
Dibenz(a,h)anthracene	Ave	0.8758	0.9878	0.4000	11.3	10.0	12.8	30.0
Benzo[g,h,i]perylene	Ave	0.9937	1.012	0.5000	10.2	10.0	1.9	30.0
2-Fluorophenol (Surr)	Ave	1.509	1.588		10.5	10.0	5.2	30.0
Phenol-d5 (Surr)	Ave	1.961	2.063		10.5	10.0	5.2	30.0
Nitrobenzene-d5 (Surr)	Ave	0.4689	0.4903		10.5	10.0	4.6	30.0
2-Fluorobiphenyl (Surr)	Ave	1.261	1.273		10.1	10.0	1.0	30.0
2,4,6-Tribromophenol (Surr)	Ave	0.1401	0.1609		11.5	10.0	14.8	30.0
Terphenyl-d14 (Surr)	Ave	0.7313	0.7754		10.6	10.0	6.0	30.0

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab File ID: 51111001.D DFTPP Injection Date: 11/11/2015

Instrument ID: A4HP9 DFTPP Injection Time: 07:27

Analysis Batch No.: 206233

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	50.3	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	58.1	
70	Less than 2.0% of mass 69	0.3	(0.5)1
127	25.0 - 75.0% of mass 198	54.3	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	10.7	
442	40.0 - 110.0% of mass 198	61.4	
443	15.0 - 24.0% of mass 442	11.9	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-206233/2	51111002.D	11/11/2015	07:49
	MB 240-205866/8-A	51111006.D	11/11/2015	09:54
	LCS 240-205866/9-A	51111007.D	11/11/2015	10:19
F-VB-UST-11-14	240-57597-11	51111019.D	11/11/2015	14:50
F-VB-UST-12-14	240-57597-12	51111020.D	11/11/2015	15:14
F-VB-UST-13-14	240-57597-13	51111021.D	11/11/2015	15:39
F-VB-UST-14-14	240-57597-14	51111022.D	11/11/2015	16:03
F-VB-UST-DUP	240-57597-15	51111023.D	11/11/2015	16:28
F-VB-UST-DUP MS	240-57597-15 MS	51111024.D	11/11/2015	16:52
F-VB-UST-DUP MSD	240-57597-15 MSD	51111025.D	11/11/2015	17:17

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	1.097	1.401		12.8	10.0	27.7*	20.0
Pyridine	Ave	2.018	2.368		11.7	10.0	17.4	20.0
Benzaldehyde	Ave	1.420	0.9711	0.0100	13.7	20.0	-31.6*	20.0
Phenol	Ave	2.099	2.304	0.8000	11.0	10.0	9.8	20.0
Aniline	Ave	2.617	2.827		10.8	10.0	8.0	20.0
Bis(2-chloroethyl)ether	Ave	1.803	2.052	0.7000	11.4	10.0	13.8	20.0
2-Chlorophenol	Ave	1.517	1.503	0.8000	9.91	10.0	-0.9	20.0
n-Decane	Ave	1.758	2.188		12.4	10.0	24.5*	20.0
1,3-Dichlorobenzene	Ave	1.573	1.567		9.97	10.0	-0.3	20.0
1,4-Dichlorobenzene	Ave	1.602	1.600		9.99	10.0	-0.1	20.0
Benzyl alcohol	Ave	1.029	1.117		10.9	10.0	8.6	20.0
1,2-Dichlorobenzene	Ave	1.540	1.527		9.91	10.0	-0.9	20.0
2-Methylphenol	Ave	1.570	1.556	0.7000	9.91	10.0	-0.9	20.0
bis (2-chloroisopropyl) ether	Ave	2.024	2.359		11.7	10.0	16.6	20.0
Indene	Ave	2.688	2.657		19.8	20.0	-1.1	20.0
3 & 4 Methylphenol	Ave	1.620	1.541		9.51	10.0	-4.9	20.0
N-Nitrosodi-n-propylamine	Ave	1.139	1.450	0.5000	12.7	10.0	27.4*	20.0
Acetophenone	Ave	2.353	2.244	0.0100	9.54	10.0	-4.6	20.0
Hexachloroethane	Ave	0.6683	0.6695	0.3000	10.0	10.0	0.2	20.0
Nitrobenzene	Ave	0.4459	0.4894	0.2000	11.0	10.0	9.8	20.0
Isophorone	Ave	0.7626	0.8151	0.4000	10.7	10.0	6.9	20.0
2-Nitrophenol	Ave	0.1660	0.1725	0.1000	10.4	10.0	3.9	20.0
2,4-Dimethylphenol	Ave	0.3818	0.3609	0.2000	9.45	10.0	-5.5	20.0
Benzoic acid	Lin1		0.1419		14.3	20.0	-28.4*	20.0
Bis(2-chloroethoxy)methane	Ave	0.4539	0.4711	0.3000	10.4	10.0	3.8	20.0
2,4-Dichlorophenol	Ave	0.2489	0.2500	0.2000	10.0	10.0	0.4	20.0
1,2,4-Trichlorobenzene	Ave	0.2911	0.2488		8.54	10.0	-14.6	20.0
Naphthalene	Ave	1.093	0.9231	0.7000	8.44	10.0	-15.6	20.0
4-Chloroaniline	Ave	0.4651	0.3947	0.0100	8.49	10.0	-15.1	20.0
2,6-Dichlorophenol	Ave	0.2535	0.2456		9.69	10.0	-3.1	20.0
Hexachlorobutadiene	Ave	0.1548	0.1309	0.0100	8.46	10.0	-15.4	20.0
Caprolactam	Ave	0.1118	0.1051	0.0100	18.8	20.0	-6.0	20.0
4-Chloro-3-methylphenol	Ave	0.3177	0.3036	0.2000	9.56	10.0	-4.4	20.0
2-Methylnaphthalene	Ave	0.6768	0.6149	0.4000	9.09	10.0	-9.1	20.0
1-Methylnaphthalene	Ave	0.6004	0.5452		9.08	10.0	-9.2	20.0
Hexachlorocyclopentadiene	Ave	0.2585	0.2068	0.0500	8.00	10.0	-20.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4935	0.4285	0.0100	8.68	10.0	-13.2	20.0
2,4,6-Trichlorophenol	Ave	0.3377	0.3103	0.2000	9.19	10.0	-8.1	20.0
2,4,5-Trichlorophenol	Ave	0.3511	0.3097	0.2000	8.82	10.0	-11.8	20.0
1,1'-Biphenyl	Ave	1.542	1.307	0.0100	8.48	10.0	-15.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.162	1.068	0.8000	9.19	10.0	-8.1	20.0
2-Nitroaniline	Ave	0.4031	0.4647	0.0100	11.5	10.0	15.3	20.0
Dimethyl phthalate	Ave	1.213	1.112	0.0100	9.17	10.0	-8.3	20.0
1,3-Dinitrobenzene	Ave	0.1896	0.2036		10.7	10.0	7.4	20.0
2,6-Dinitrotoluene	Ave	0.2814	0.2741		9.74	10.0	-2.6	20.0
Acenaphthylene	Ave	1.895	1.621	0.9000	8.55	10.0	-14.5	20.0
3-Nitroaniline	Ave	0.3457	0.3215	0.0100	9.30	10.0	-7.0	20.0
2,4-Dinitrophenol	Lin		0.1118	0.0100	17.4	20.0	-13.2	20.0
Acenaphthene	Ave	1.225	1.006	0.9000	8.21	10.0	-17.9	20.0
4-Nitrophenol	Ave	0.2054	0.1907		18.6	20.0	-7.2	20.0
2,4-Dinitrotoluene	Ave	0.3558	0.3600	0.2000	10.1	10.0	1.2	20.0
Dibenzofuran	Ave	1.646	1.411	0.8000	8.57	10.0	-14.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2627	0.2179	0.0100	8.29	10.0	-17.1	20.0
Diethyl phthalate	Ave	1.206	0.9799	0.0100	8.12	10.0	-18.8	20.0
Hexadecane	Ave	0.8758	0.8735		9.97	10.0	-0.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5909	0.5060	0.4000	8.56	10.0	-14.4	20.0
4-Nitroaniline	Ave	0.3467	0.3204	0.0100	9.24	10.0	-7.6	20.0
Fluorene	Ave	1.288	1.141	0.9000	8.86	10.0	-11.4	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1238	0.0100	20.3	20.0	1.4	20.0
N-Nitrosodiphenylamine	Ave	0.5262	0.5308	0.0100	20.2	20.0	0.9	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.014	1.110		10.9	10.0	9.5	20.0
Azobenzene	Ave	1.014	1.111		11.0	10.0	9.5	20.0
4-Bromophenyl phenyl ether	Ave	0.1862	0.1790	0.1000	9.61	10.0	-3.9	20.0
Hexachlorobenzene	Ave	0.1906	0.1928	0.1000	10.1	10.0	1.2	20.0
Atrazine	Ave	0.1757	0.1904	0.0100	21.7	20.0	8.3	20.0
n-Octadecane	Ave	0.5128	0.6714		13.1	10.0	30.9*	20.0
Pentachlorophenol	Lin1		0.1117	0.0500	18.5	20.0	-7.7	20.0
Phenanthrene	Ave	1.179	1.084	0.7000	9.19	10.0	-8.1	20.0
Anthracene	Ave	1.143	1.091	0.7000	9.54	10.0	-4.6	20.0
Carbazole	Ave	0.996	1.073	0.0100	10.8	10.0	7.7	20.0
Di-n-butyl phthalate	Ave	1.181	1.258	0.0100	10.6	10.0	6.5	20.0
Fluoranthene	Ave	1.125	1.144	0.6000	10.2	10.0	1.7	20.0
Benzidine	Lin1		0.4427		13.9	20.0	-30.7*	20.0
Pyrene	Ave	1.165	1.127	0.6000	9.67	10.0	-3.3	20.0
Butyl benzyl phthalate	Ave	0.5273	0.5343	0.0100	10.1	10.0	1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7086	0.7187	0.0100	10.1	10.0	1.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3426	0.3520	0.0100	20.5	20.0	2.7	20.0
Benzo[a]anthracene	Ave	1.114	1.008	0.8000	9.05	10.0	-9.5	20.0
Chrysene	Ave	1.127	0.9562	0.7000	8.48	10.0	-15.2	20.0
Di-n-octyl phthalate	Lin1		1.464	0.0100	9.43	10.0	-5.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206233/2 Calibration Date: 11/11/2015 07:49

Instrument ID: A4HP9 Calib Start Date: 10/30/2015 13:19

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 10/30/2015 16:42

Lab File ID: 51111002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.034	1.122	0.7000	10.9	10.0	8.6	20.0
Benzo[k]fluoranthene	Ave	1.334	1.254	0.7000	9.40	10.0	-6.0	20.0
Benzo[a]pyrene	Ave	1.098	1.113	0.7000	10.1	10.0	1.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.106	1.182	0.5000	10.7	10.0	6.8	20.0
Dibenz(a,h)anthracene	Ave	0.8758	0.9640	0.4000	11.0	10.0	10.1	20.0
Benzo[g,h,i]perylene	Ave	0.9937	0.9829	0.5000	9.89	10.0	-1.1	20.0
1,4-Dioxane	Ave	0.7606			0.000490	10.0		
2-Fluorophenol (Surr)	Ave	1.509	1.580		10.5	10.0	4.7	20.0
Phenol-d5 (Surr)	Ave	1.961	2.103		10.7	10.0	7.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4689	0.4936		10.5	10.0	5.3	20.0
2-Fluorobiphenyl (Surr)	Ave	1.261	1.114		8.84	10.0	-11.6	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1401	0.1104		7.88	10.0	-21.2*	20.0
Terphenyl-d14 (Surr)	Ave	0.7313	0.7199		9.84	10.0	-1.6	20.0

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205786 Batch Start Date: 11/09/15 10:35 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 02:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57597-E-1	F-VB-UST-1-14	3540C, 8270D	T	29.99 g	2 mL			1 mL	
240-57597-D-2	F-VB-UST-2-14	3540C, 8270D	T	30.16 g	2 mL			1 mL	
240-57597-E-3	F-VB-UST-3-14	3540C, 8270D	T	30.03 g	2 mL			1 mL	
240-57597-E-4	F-VB-UST-4-14	3540C, 8270D	T	29.84 g	2 mL			1 mL	
240-57597-E-5	F-VB-UST-5-14	3540C, 8270D	T	30.28 g	2 mL			1 mL	
240-57597-E-6	F-VB-UST-6-14	3540C, 8270D	T	30.15 g	2 mL			1 mL	
240-57597-E-7	F-VB-UST-7-14	3540C, 8270D	T	29.53 g	2 mL			1 mL	
240-57597-D-8	F-VB-UST-8-14	3540C, 8270D	T	30.20 g	2 mL			1 mL	
240-57597-E-9	F-VB-UST-9-14	3540C, 8270D	T	29.67 g	2 mL			1 mL	
240-57597-E-10	F-VB-UST-10-14	3540C, 8270D	T	29.78 g	2 mL			1 mL	
MB 240-205786/23		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-205786/24		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2258961

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205866 Batch Start Date: 11/09/15 01:00 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 05:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exBENZALDEHYD 00031	exBNASPIKE 00053	exBNASURR W 00028	
240-57597-E-11	F-VB-UST-11-14	3540C, 8270D	T	29.86 g	2 mL			1 mL	
240-57597-E-12	F-VB-UST-12-14	3540C, 8270D	T	29.84 g	2 mL			1 mL	
240-57597-E-13	F-VB-UST-13-14	3540C, 8270D	T	30.37 g	2 mL			1 mL	
240-57597-D-14	F-VB-UST-14-14	3540C, 8270D	T	29.64 g	2 mL			1 mL	
240-57597-D-15	F-VB-UST-DUP	3540C, 8270D	T	30.09 g	2 mL			1 mL	
240-57597-D-15 MS	F-VB-UST-DUP	3540C, 8270D	T	30.05 g	2 mL	1 mL	1 mL	1 mL	
240-57597-D-15 MSD	F-VB-UST-DUP	3540C, 8270D	T	29.93 g	2 mL	1 mL	1 mL	1 mL	
MB 240-205866/8		3540C, 8270D		30 g	2 mL			1 mL	
LCS 240-205866/9		3540C, 8270D		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2258960

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	DCB1 #
F-VB-UST-1-14	240-57597-1	78	87
F-VB-UST-2-14	240-57597-2	84	100
F-VB-UST-3-14	240-57597-3	68	95
F-VB-UST-4-14	240-57597-4	75	104
F-VB-UST-5-14	240-57597-5	73	91
F-VB-UST-6-14	240-57597-6	76	109
F-VB-UST-7-14	240-57597-7	76	98
F-VB-UST-8-14	240-57597-8	72	90
F-VB-UST-9-14	240-57597-9	77	95
F-VB-UST-10-14	240-57597-10	83	89
F-VB-UST-11-14	240-57597-11	82	95
F-VB-UST-12-14	240-57597-12	81	92
F-VB-UST-13-14	240-57597-13	77	94
F-VB-UST-14-14	240-57597-14	78	89
F-VB-UST-DUP	240-57597-15	74	89
	MB 240-205809/21-A	75	89
	LCS 240-205809/22-A	75	85
F-VB-UST-DUP MS	240-57597-15 MS	81	95
F-VB-UST-DUP MSD	240-57597-15 MSD	77	89

	QC LIMITS
TCX = Tetrachloro-m-xylene	13-134
DCB = DCB Decachlorobiphenyl	10-155

Column to be used to flag recovery values

FORM II 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD05 240-205222/31 Date Analyzed: 11/04/2015 22:13

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000031.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		138265983	2.08				
UPPER LIMIT		276531966	2.58				
LOWER LIMIT		69132992	1.58				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-205222/39		151134439	2.09				
CCV 240-206283/3 CCVIS		120153607	2.07				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206283/3 Date Analyzed: 11/11/2015 11:01

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		120153607	2.07				
UPPER LIMIT		240307214	2.57				
LOWER LIMIT		60076804	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-206283/4		117662635	2.07				
CCV 240-206283/5		128931083	2.08				
CCV 240-206283/6		129660063	2.07				
CCV 240-206283/7		124415610	2.07				
240-57597-1	F-VB-UST-1-14	140229279	2.08				
240-57597-2	F-VB-UST-2-14	131329155	2.07				
240-57597-3	F-VB-UST-3-14	142270888	2.07				
240-57597-4	F-VB-UST-4-14	139052581	2.07				
240-57597-5	F-VB-UST-5-14	150647200	2.07				
240-57597-6	F-VB-UST-6-14	136592279	2.07				
240-57597-7	F-VB-UST-7-14	142766511	2.07				
240-57597-8	F-VB-UST-8-14	143364145	2.07				
240-57597-9	F-VB-UST-9-14	135564000	2.07				
240-57597-10	F-VB-UST-10-14	134509895	2.07				
240-57597-11	F-VB-UST-11-14	146836344	2.07				
240-57597-12	F-VB-UST-12-14	141041341	2.07				
240-57597-13	F-VB-UST-13-14	143471346	2.08				
240-57597-14	F-VB-UST-14-14	143338015	2.07				
MB 240-205809/21-A		150167483	2.07				
LCS 240-205809/22-A		138157065	2.07				

BNB = 1-Bromo-2-nitrobenzene
BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVIS 240-206283/28 Date Analyzed: 11/11/2015 17:50

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000028.D Heated Purge: (Y/N) N

Calibration ID: 31286

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		124491700	2.08				
UPPER LIMIT		248983400	2.58				
LOWER LIMIT		62245850	1.58				
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-57597-15	F-VB-UST-DUP	155311076	2.08				
240-57597-15 MS	F-VB-UST-DUP MS	144577114	2.07				
240-57597-15 MSD	F-VB-UST-DUP MSD	162028723	2.07				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-205809/21-A

Matrix: Solid Date Extracted: 11/09/2015 09:53

Lab File ID:(1) P4000026.D Lab File ID:(2)

Date Analyzed:(1) 11/11/2015 17:17 Date Analyzed:(2)

Instrument ID:(1) A2HP4 Instrument ID:(2)

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
F-VB-UST-1-14	240-57597-1	11/11/2015 13:28	
F-VB-UST-2-14	240-57597-2	11/11/2015 13:45	
F-VB-UST-3-14	240-57597-3	11/11/2015 14:01	
F-VB-UST-4-14	240-57597-4	11/11/2015 14:17	
F-VB-UST-5-14	240-57597-5	11/11/2015 14:33	
F-VB-UST-6-14	240-57597-6	11/11/2015 14:50	
F-VB-UST-7-14	240-57597-7	11/11/2015 15:06	
F-VB-UST-8-14	240-57597-8	11/11/2015 15:23	
F-VB-UST-9-14	240-57597-9	11/11/2015 15:39	
F-VB-UST-10-14	240-57597-10	11/11/2015 15:55	
F-VB-UST-11-14	240-57597-11	11/11/2015 16:12	
F-VB-UST-12-14	240-57597-12	11/11/2015 16:28	
F-VB-UST-13-14	240-57597-13	11/11/2015 16:44	
F-VB-UST-14-14	240-57597-14	11/11/2015 17:01	
	LCS 240-205809/22-A	11/11/2015 17:33	
F-VB-UST-DUP	240-57597-15	11/11/2015 18:06	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 18:22	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 18:39	

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205809/21-A

Matrix: Solid | Lab File ID: P4000026.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:53

Sample wt/vol: 30(g) | Date Analyzed: 11/11/2015 17:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	12	U	33	12
11104-28-2	Aroclor-1221	16	U	33	16
11141-16-5	Aroclor-1232	20	U	33	20
53469-21-9	Aroclor-1242	11	U	33	11
12672-29-6	Aroclor-1248	8.0	U	33	8.0
11097-69-1	Aroclor-1254	14	U	33	14
11096-82-5	Aroclor-1260	9.0	U	33	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		13-134
2051-24-3	DCB Decachlorobiphenyl	89		10-155

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000027.D

Lab ID: LCS 240-205809/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	196	59	51-120	
Aroclor-1260	334	201	60	48-120	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000030.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	394	14 U	244	62	17-141	
Aroclor-1260	395	10 U	260	66	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000031.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	393	229	58	9	56	17-141	
Aroclor-1260	393	238	61	9	55	19-137	

Column to be used to flag recovery and RPD values

FORM III 8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-205222/4 IC		11/04/2015 14:51	1		CLP-1 0.53(mm)
STD005 240-205222/4 IC		11/04/2015 14:51	1	P4000004.D	CLP-2 0.53(mm)
STD01 240-205222/5 IC		11/04/2015 15:08	1		CLP-1 0.53(mm)
STD01 240-205222/5 IC		11/04/2015 15:08	1	P4000005.D	CLP-2 0.53(mm)
STD02 240-205222/6 IC		11/04/2015 15:24	1		CLP-1 0.53(mm)
STD02 240-205222/6 IC		11/04/2015 15:24	1	P4000006.D	CLP-2 0.53(mm)
STD05 240-205222/7 IC		11/04/2015 15:40	1		CLP-1 0.53(mm)
STD05 240-205222/7 IC		11/04/2015 15:40	1	P4000007.D	CLP-2 0.53(mm)
STD1 240-205222/8 IC		11/04/2015 15:57	1		CLP-1 0.53(mm)
STD1 240-205222/8 IC		11/04/2015 15:57	1	P4000008.D	CLP-2 0.53(mm)
STD2 240-205222/9 IC		11/04/2015 16:13	1		CLP-1 0.53(mm)
STD2 240-205222/9 IC		11/04/2015 16:13	1	P4000009.D	CLP-2 0.53(mm)
STD005 240-205222/10 IC		11/04/2015 16:30	1		CLP-1 0.53(mm)
STD005 240-205222/10 IC		11/04/2015 16:30	1	P4000010.D	CLP-2 0.53(mm)
STD01 240-205222/11 IC		11/04/2015 16:46	1		CLP-1 0.53(mm)
STD01 240-205222/11 IC		11/04/2015 16:46	1	P4000011.D	CLP-2 0.53(mm)
STD02 240-205222/12 IC		11/04/2015 17:02	1		CLP-1 0.53(mm)
STD02 240-205222/12 IC		11/04/2015 17:02	1	P4000012.D	CLP-2 0.53(mm)
STD05 240-205222/13 IC		11/04/2015 17:19	1		CLP-1 0.53(mm)
STD05 240-205222/13 IC		11/04/2015 17:19	1	P4000013.D	CLP-2 0.53(mm)
STD1 240-205222/14 IC		11/04/2015 17:35	1		CLP-1 0.53(mm)
STD1 240-205222/14 IC		11/04/2015 17:35	1	P4000014.D	CLP-2 0.53(mm)
STD2 240-205222/15 IC		11/04/2015 17:51	1		CLP-1 0.53(mm)
STD2 240-205222/15 IC		11/04/2015 17:51	1	P4000015.D	CLP-2 0.53(mm)
STD005 240-205222/16 IC		11/04/2015 18:08	1		CLP-1 0.53(mm)
STD005 240-205222/16 IC		11/04/2015 18:08	1	P4000016.D	CLP-2 0.53(mm)
STD01 240-205222/17 IC		11/04/2015 18:24	1		CLP-1 0.53(mm)
STD01 240-205222/17 IC		11/04/2015 18:24	1	P4000017.D	CLP-2 0.53(mm)
STD02 240-205222/18 IC		11/04/2015 18:41	1		CLP-1 0.53(mm)
STD02 240-205222/18 IC		11/04/2015 18:41	1	P4000018.D	CLP-2 0.53(mm)
STD05 240-205222/19 IC		11/04/2015 18:57	1		CLP-1 0.53(mm)
STD05 240-205222/19 IC		11/04/2015 18:57	1	P4000019.D	CLP-2 0.53(mm)
STD1 240-205222/20 IC		11/04/2015 19:13	1		CLP-1 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-205222/20 IC		11/04/2015 19:13	1	P4000020.D	CLP-2 0.53(mm)
STD2 240-205222/21 IC		11/04/2015 19:30	1		CLP-1 0.53(mm)
STD2 240-205222/21 IC		11/04/2015 19:30	1	P4000021.D	CLP-2 0.53(mm)
STD005 240-205222/22 IC		11/04/2015 19:46	1		CLP-1 0.53(mm)
STD005 240-205222/22 IC		11/04/2015 19:46	1	P4000022.D	CLP-2 0.53(mm)
STD01 240-205222/23 IC		11/04/2015 20:02	1		CLP-1 0.53(mm)
STD01 240-205222/23 IC		11/04/2015 20:02	1	P4000023.D	CLP-2 0.53(mm)
STD02 240-205222/24 IC		11/04/2015 20:19	1		CLP-1 0.53(mm)
STD02 240-205222/24 IC		11/04/2015 20:19	1	P4000024.D	CLP-2 0.53(mm)
STD05 240-205222/25 IC		11/04/2015 20:35	1		CLP-1 0.53(mm)
STD05 240-205222/25 IC		11/04/2015 20:35	1	P4000025.D	CLP-2 0.53(mm)
STD1 240-205222/26 IC		11/04/2015 20:51	1		CLP-1 0.53(mm)
STD1 240-205222/26 IC		11/04/2015 20:51	1	P4000026.D	CLP-2 0.53(mm)
STD2 240-205222/27 IC		11/04/2015 21:08	1		CLP-1 0.53(mm)
STD2 240-205222/27 IC		11/04/2015 21:08	1	P4000027.D	CLP-2 0.53(mm)
STD005 240-205222/28 IC		11/04/2015 21:24	1		CLP-1 0.53(mm)
STD005 240-205222/28 IC		11/04/2015 21:24	1	P4000028.D	CLP-2 0.53(mm)
STD01 240-205222/29 IC		11/04/2015 21:40	1		CLP-1 0.53(mm)
STD01 240-205222/29 IC		11/04/2015 21:40	1	P4000029.D	CLP-2 0.53(mm)
STD02 240-205222/30 IC		11/04/2015 21:57	1		CLP-1 0.53(mm)
STD02 240-205222/30 IC		11/04/2015 21:57	1	P4000030.D	CLP-2 0.53(mm)
STD05 240-205222/31 ICIS		11/04/2015 22:13	1		CLP-1 0.53(mm)
STD05 240-205222/31 ICIS		11/04/2015 22:13	1	P4000031.D	CLP-2 0.53(mm)
STD1 240-205222/32 IC		11/04/2015 22:29	1		CLP-1 0.53(mm)
STD1 240-205222/32 IC		11/04/2015 22:29	1	P4000032.D	CLP-2 0.53(mm)
STD2 240-205222/33 IC		11/04/2015 22:46	1		CLP-1 0.53(mm)
STD2 240-205222/33 IC		11/04/2015 22:46	1	P4000033.D	CLP-2 0.53(mm)
ICV 240-205222/34		11/04/2015 23:02	1		CLP-1 0.53(mm)
ICV 240-205222/34		11/04/2015 23:02	1		CLP-2 0.53(mm)
ICV 240-205222/35		11/04/2015 23:19	1		CLP-1 0.53(mm)
ICV 240-205222/35		11/04/2015 23:19	1		CLP-2 0.53(mm)
ICV 240-205222/36		11/04/2015 23:35	1		CLP-1 0.53(mm)
ICV 240-205222/36		11/04/2015 23:35	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/04/2015 14:51

Analysis Batch Number: 205222 End Date: 11/05/2015 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-205222/37		11/04/2015 23:51	1		CLP-1 0.53(mm)
ICV 240-205222/37		11/04/2015 23:51	1		CLP-2 0.53(mm)
ICV 240-205222/38		11/05/2015 00:08	1		CLP-1 0.53(mm)
ICV 240-205222/38		11/05/2015 00:08	1		CLP-2 0.53(mm)
ICV 240-205222/39		11/05/2015 00:24	1		CLP-1 0.53(mm)
ICV 240-205222/39		11/05/2015 00:24	1	P4000039.D	CLP-2 0.53(mm)
ICV 240-205222/40		11/05/2015 00:40	1		CLP-1 0.53(mm)
ICV 240-205222/40		11/05/2015 00:40	1		CLP-2 0.53(mm)
ICV 240-205222/41		11/05/2015 00:57	1		CLP-1 0.53(mm)
ICV 240-205222/41		11/05/2015 00:57	1		CLP-2 0.53(mm)

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 14:51 Calibration End Date: 11/04/2015 16:13 Calibration ID: 31262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/4	P4000004.D
Level 2	STD01 240-205222/5	P4000005.D
Level 3	STD02 240-205222/6	P4000006.D
Level 4	STD05 240-205222/7	P4000007.D
Level 5	STD1 240-205222/8	P4000008.D
Level 6	STD2 240-205222/9	P4000009.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0146 0.0122	0.0144	0.0134	0.0134	0.0122	Lin1	0.0002	0.0122							0.9990		0.9900
PCB-1232 Peak 2	0.0119 0.0097	0.0118	0.0110	0.0109	0.0098	Lin1	0.0002	0.0098							0.9980		0.9900
PCB-1232 Peak 3	0.0217 0.0205	0.0220	0.0209	0.0216	0.0202	Lin1	0.0001	0.0205							1.0000		0.9900
PCB-1232 Peak 4	0.0095 0.0081	0.0100	0.0094	0.0089	0.0081	Lin1	0.0001	0.0081							0.9980		0.9900
PCB-1232 Peak 5	0.0072 0.0065	0.0075	0.0069	0.0070	0.0066	Lin1	0.0001	0.0066							0.9990		0.9900
PCB-1262 Peak 1	0.0260 0.0242	0.0274	0.0250	0.0248	0.0248	Lin1	0.0002	0.0244							1.0000		0.9900
PCB-1262 Peak 2	0.0377 0.0377	0.0413	0.0382	0.0381	0.0383	Lin1	0.0001	0.0379							1.0000		0.9900
PCB-1262 Peak 3	0.0311 0.0318	0.0344	0.0320	0.0318	0.0323	Lin1	0	0.0319							1.0000		0.9900
PCB-1262 Peak 4	0.0698 0.0769	0.0788	0.0741	0.0751	0.0769	Lin1	0	0.0769							1.0000		0.9900
PCB-1262 Peak 5	0.0515 0.0538	0.0573	0.0535	0.0535	0.0541	Lin1	0	0.0539							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 16:30 Calibration End Date: 11/04/2015 17:51 Calibration ID: 31268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/10	P4000010.D
Level 2	STD01 240-205222/11	P4000011.D
Level 3	STD02 240-205222/12	P4000012.D
Level 4	STD05 240-205222/13	P4000013.D
Level 5	STD1 240-205222/14	P4000014.D
Level 6	STD2 240-205222/15	P4000015.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0108 0.0082	0.0098	0.0093	0.0090	0.0085	Lin1	0.0002	0.0083							0.9990		0.9900
PCB-1242 Peak 2	0.0208 0.0159	0.0186	0.0181	0.0174	0.0164	Lin1	0.0003	0.0160							0.9990		0.9900
PCB-1242 Peak 3	0.0407 0.0367	0.0373	0.0369	0.0376	0.0368	Lin1	0.0002	0.0367							1.0000		0.9900
PCB-1242 Peak 4	0.0183 0.0142	0.0165	0.0153	0.0150	0.0144	Lin1	0.0002	0.0142							1.0000		0.9900
PCB-1242 Peak 5	0.0169 0.0109	0.0131	0.0124	0.0117	0.0111	Lin1	0.0003	0.0108							1.0000		0.9900
PCB-1268 Peak 1	0.1004 0.0910	0.0938	0.0918	0.0903	0.0899	Lin1	0.0004	0.0902							1.0000		0.9900
PCB-1268 Peak 2	0.0969 0.0876	0.0916	0.0907	0.0881	0.0870	Lin1	0.0005	0.0871							1.0000		0.9900
PCB-1268 Peak 3	0.0848 0.0764	0.0793	0.0781	0.0771	0.0756	Lin1	0.0004	0.0759							1.0000		0.9900
PCB-1268 Peak 4	0.0354 0.0308	0.0332	0.0323	0.0312	0.0308	Lin1	0.0003	0.0306							1.0000		0.9900
PCB-1268 Peak 5	0.2560 0.2513	0.2411	0.2398	0.2407	0.2403	Lin1	0	0.2467							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 18:08 Calibration End Date: 11/04/2015 19:30 Calibration ID: 31274

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/16	P4000016.D
Level 2	STD01 240-205222/17	P4000017.D
Level 3	STD02 240-205222/18	P4000018.D
Level 4	STD05 240-205222/19	P4000019.D
Level 5	STD1 240-205222/20	P4000020.D
Level 6	STD2 240-205222/21	P4000021.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0262 0.0244	0.0257	0.0252	0.0241	0.0238	Lin1	0.0001	0.0241							1.0000		0.9900
PCB-1248 Peak 2	0.0147 0.0119	0.0141	0.0133	0.0123	0.0118	Lin1	0.0002	0.0118							1.0000		0.9900
PCB-1248 Peak 3	0.0221 0.0182	0.0209	0.0200	0.0185	0.0178	Lin1	0.0003	0.0180							1.0000		0.9900
PCB-1248 Peak 4	0.0230 0.0230	0.0209	0.0242	0.0230	0.0224	Lin1	0	0.0229							0.9990		0.9900
PCB-1248 Peak 5	0.0111 0.0116	0.0121	0.0125	0.0118	0.0111	Lin1	0	0.0115							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 19:46 Calibration End Date: 11/04/2015 21:08 Calibration ID: 31280

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/22	P4000022.D
Level 2	STD01 240-205222/23	P4000023.D
Level 3	STD02 240-205222/24	P4000024.D
Level 4	STD05 240-205222/25	P4000025.D
Level 5	STD1 240-205222/26	P4000026.D
Level 6	STD2 240-205222/27	P4000027.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0082 0.0059	0.0071	0.0067	0.0065	0.0060	Lin1	0.0001	0.0059							0.9990		0.9900
PCB-1221 Peak 2	0.0056 0.0038	0.0048	0.0046	0.0044	0.0040	Lin1	0.0001	0.0039							0.9980		0.9900
PCB-1221 Peak 3	0.0205 0.0147	0.0173	0.0165	0.0161	0.0151	Lin1	0.0003	0.0148							0.9990		0.9900
PCB-1254 Peak 1	0.0288 0.0211	0.0242	0.0224	0.0222	0.0212	Lin1	0.0004	0.0209							1.0000		0.9900
PCB-1254 Peak 2	0.0430 0.0354	0.0364	0.0351	0.0362	0.0354	Lin1	0.0003	0.0352							1.0000		0.9900
PCB-1254 Peak 3	0.0328 0.0255	0.0276	0.0256	0.0267	0.0261	Lin1	0.0003	0.0255							1.0000		0.9900
PCB-1254 Peak 4	0.0251 0.0215	0.0209	0.0202	0.0214	0.0214	Lin1	0.0001	0.0213							0.9990		0.9900
PCB-1254 Peak 5	0.0446 0.0346	0.0372	0.0350	0.0360	0.0351	Lin1	0.0004	0.0345							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205222

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/04/2015 21:24 Calibration End Date: 11/04/2015 22:46 Calibration ID: 31286

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-205222/28	P4000028.D
Level 2	STD01 240-205222/29	P4000029.D
Level 3	STD02 240-205222/30	P4000030.D
Level 4	STD05 240-205222/31	P4000031.D
Level 5	STD1 240-205222/32	P4000032.D
Level 6	STD2 240-205222/33	P4000033.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0178 0.0128	0.0153	0.0141	0.0136	0.0134	Lin1	0.0003	0.0128							1.0000		0.9900
PCB-1016 Peak 2	0.0346 0.0247	0.0296	0.0276	0.0265	0.0260	Lin1	0.0005	0.0249							0.9990		0.9900
PCB-1016 Peak 3	0.0686 0.0581	0.0603	0.0585	0.0592	0.0594	Lin1	0.0004	0.0582							1.0000		0.9900
PCB-1016 Peak 4	0.0299 0.0224	0.0253	0.0239	0.0233	0.0230	Lin1	0.0004	0.0224							1.0000		0.9900
PCB-1016 Peak 5	0.0240 0.0168	0.0200	0.0185	0.0179	0.0174	Lin1	0.0004	0.0168							1.0000		0.9900
PCB-1260 Peak 1	0.0436 0.0313	0.0346	0.0370	0.0366	0.0324	Lin1	0.0006	0.0318							0.9970		0.9900
PCB-1260 Peak 2	0.0509 0.0407	0.0443	0.0434	0.0430	0.0419	Lin1	0.0005	0.0409							1.0000		0.9900
PCB-1260 Peak 3	0.0730 0.0619	0.0645	0.0639	0.0642	0.0633	Lin1	0.0005	0.0622							1.0000		0.9900
PCB-1260 Peak 4	0.0854 0.0747	0.0754	0.0759	0.0763	0.0752	Lin1	0.0004	0.0747							1.0000		0.9900
PCB-1260 Peak 5	0.0603 0.0505	0.0529	0.0527	0.0524	0.0514	Lin1	0.0004	0.0506							1.0000		0.9900
Tetrachloro-m-xylene	0.6148 0.6612	0.6230	0.6064	0.6560	0.6839	Lin1	0	0.6687							0.9990		0.9900
DCB Decachlorobiphenyl	0.6529 0.5587	0.6535	0.6238	0.6147	0.5968	Lin1	0.0003	0.5721							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205222/39 Calibration Date: 11/05/2015 00:24

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000039.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0108		0.822	1.00	-17.8	20.0
PCB-1016 Peak 2	Lin1		0.0217		0.853	1.00	-14.7	20.0
PCB-1016 Peak 3	Lin1		0.0497		0.848	1.00	-15.2	20.0
PCB-1016 Peak 4	Lin1		0.0191		0.837	1.00	-16.3	20.0
PCB-1016 Peak 5	Lin1		0.0142		0.824	1.00	-17.6	20.0
PCB-1260 Peak 1	Lin1		0.0258		0.789	1.00	-21.1*	20.0
PCB-1260 Peak 2	Lin1		0.0324		0.781	1.00	-21.9*	20.0
PCB-1260 Peak 3	Lin1		0.0430		0.685	1.00	-31.5*	20.0
PCB-1260 Peak 4	Lin1		0.0708		0.943	1.00	-5.7	20.0
PCB-1260 Peak 5	Lin1		0.0461		0.903	1.00	-9.7	20.0
Tetrachloro-m-xylene	Lin1		0.6638		0.0500	0.0500	-0.0	20.0
DCB Decachlorobiphenyl	Lin1		0.5091		0.0439	0.0500	-12.2	20.0

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/11/2015 11:01

Analysis Batch Number: 206283 End Date: 11/11/2015 18:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206283/3 CCVIS		11/11/2015 11:01	1		CLP-1 0.53(mm)
CCV 240-206283/3 CCVIS		11/11/2015 11:01	1	P4000003.D	CLP-2 0.53(mm)
CCV 240-206283/4		11/11/2015 11:17	1		CLP-1 0.53(mm)
CCV 240-206283/4		11/11/2015 11:17	1	P4000004.D	CLP-2 0.53(mm)
CCV 240-206283/5		11/11/2015 11:34	1		CLP-1 0.53(mm)
CCV 240-206283/5		11/11/2015 11:34	1	P4000005.D	CLP-2 0.53(mm)
CCV 240-206283/6		11/11/2015 11:50	1		CLP-1 0.53(mm)
CCV 240-206283/6		11/11/2015 11:50	1	P4000006.D	CLP-2 0.53(mm)
CCV 240-206283/7		11/11/2015 12:06	1		CLP-1 0.53(mm)
CCV 240-206283/7		11/11/2015 12:06	1	P4000007.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:28	1		CLP-1 0.53(mm)
240-57597-1	F-VB-UST-1-14	11/11/2015 13:28	1	P4000012.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:45	1		CLP-1 0.53(mm)
240-57597-2	F-VB-UST-2-14	11/11/2015 13:45	1	P4000013.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:01	1		CLP-1 0.53(mm)
240-57597-3	F-VB-UST-3-14	11/11/2015 14:01	1	P4000014.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:17	1		CLP-1 0.53(mm)
240-57597-4	F-VB-UST-4-14	11/11/2015 14:17	1	P4000015.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:33	1		CLP-1 0.53(mm)
240-57597-5	F-VB-UST-5-14	11/11/2015 14:33	1	P4000016.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 14:50	1		CLP-1 0.53(mm)
240-57597-6	F-VB-UST-6-14	11/11/2015 14:50	1	P4000017.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:06	1		CLP-1 0.53(mm)
240-57597-7	F-VB-UST-7-14	11/11/2015 15:06	1	P4000018.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:23	1		CLP-1 0.53(mm)
240-57597-8	F-VB-UST-8-14	11/11/2015 15:23	1	P4000019.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:39	1		CLP-1 0.53(mm)
240-57597-9	F-VB-UST-9-14	11/11/2015 15:39	1	P4000020.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 15:55	1		CLP-1 0.53(mm)
240-57597-10	F-VB-UST-10-14	11/11/2015 15:55	1	P4000021.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:12	1		CLP-1 0.53(mm)
240-57597-11	F-VB-UST-11-14	11/11/2015 16:12	1	P4000022.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:28	1		CLP-1 0.53(mm)
240-57597-12	F-VB-UST-12-14	11/11/2015 16:28	1	P4000023.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 16:44	1		CLP-1 0.53(mm)
240-57597-13	F-VB-UST-13-14	11/11/2015 16:44	1	P4000024.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:01	1		CLP-1 0.53(mm)
240-57597-14	F-VB-UST-14-14	11/11/2015 17:01	1	P4000025.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:17	1		CLP-1 0.53(mm)
MB 240-205809/21-A		11/11/2015 17:17	1	P4000026.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 17:33	1		CLP-1 0.53(mm)
LCS 240-205809/22-A		11/11/2015 17:33	1	P4000027.D	CLP-2 0.53(mm)
CCVIS 240-206283/28		11/11/2015 17:50	1		CLP-1 0.53(mm)
CCVIS 240-206283/28		11/11/2015 17:50	1	P4000028.D	CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP4 Start Date: 11/11/2015 11:01

Analysis Batch Number: 206283 End Date: 11/11/2015 18:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 18:06	1		CLP-1 0.53(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 18:06	1	P4000029.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:22	1		CLP-1 0.53(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 18:22	1	P4000030.D	CLP-2 0.53(mm)
ZZZZZ		11/11/2015 18:39	1		CLP-1 0.53(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 18:39	1	P4000031.D	CLP-2 0.53(mm)

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/3 Calibration Date: 11/11/2015 11:01

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0146		0.549	0.500	9.8	20.0
PCB-1016 Peak 2	Lin1		0.0282		0.545	0.500	9.0	20.0
PCB-1016 Peak 3	Lin1		0.0618		0.525	0.500	5.0	20.0
PCB-1016 Peak 4	Lin1		0.0246		0.534	0.500	6.7	20.0
PCB-1016 Peak 5	Lin1		0.0186		0.530	0.500	6.1	20.0
PCB-1260 Peak 1	Lin1		0.0333		0.503	0.500	0.7	20.0
PCB-1260 Peak 2	Lin1		0.0427		0.510	0.500	1.9	20.0
PCB-1260 Peak 3	Lin1		0.0632		0.501	0.500	0.3	20.0
PCB-1260 Peak 4	Lin1		0.0741		0.491	0.500	-1.8	20.0
PCB-1260 Peak 5	Lin1		0.0509		0.494	0.500	-1.2	20.0
Tetrachloro-m-xylene	Lin1		0.6986		0.0264	0.0250	5.8	20.0
DCB Decachlorobiphenyl	Lin1		0.5950		0.0254	0.0250	1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/4 Calibration Date: 11/11/2015 11:17

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 14:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 16:13

Lab File ID: P4000004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin1		0.0149		0.593	0.500	18.6	20.0
PCB-1232 Peak 2	Lin1		0.0121		0.604	0.500	20.8*	20.0
PCB-1232 Peak 3	Lin1		0.0235		0.569	0.500	13.8	20.0
PCB-1232 Peak 4	Lin1		0.0099		0.592	0.500	18.4	20.0
PCB-1232 Peak 5	Lin1		0.0080		0.600	0.500	19.9	20.0
PCB-1262 Peak 1	Lin1		0.0266		0.539	0.500	7.8	20.0
PCB-1262 Peak 2	Lin1		0.0407		0.535	0.500	7.0	20.0
PCB-1262 Peak 3	Lin1		0.0338		0.527	0.500	5.5	20.0
PCB-1262 Peak 4	Lin1		0.0787		0.515	0.500	3.0	20.0
PCB-1262 Peak 5	Lin1		0.0557		0.517	0.500	3.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/5 Calibration Date: 11/11/2015 11:34

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 16:30

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 17:51

Lab File ID: P4000005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0100		0.583	0.500	16.7	20.0
PCB-1242 Peak 2	Lin1		0.0189		0.571	0.500	14.1	20.0
PCB-1242 Peak 3	Lin1		0.0402		0.543	0.500	8.7	20.0
PCB-1242 Peak 4	Lin1		0.0163		0.557	0.500	11.4	20.0
PCB-1242 Peak 5	Lin1		0.0127		0.562	0.500	12.3	20.0
PCB-1268 Peak 1	Lin1		0.0893		0.490	0.500	-1.9	20.0
PCB-1268 Peak 2	Lin1		0.0866		0.491	0.500	-1.8	20.0
PCB-1268 Peak 3	Lin1		0.0761		0.496	0.500	-0.8	20.0
PCB-1268 Peak 4	Lin1		0.0306		0.490	0.500	-2.0	20.0
PCB-1268 Peak 5	Lin1		0.2305		0.468	0.500	-6.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206283/7 Calibration Date: 11/11/2015 12:06

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 19:46

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 21:08

Lab File ID: P4000007.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin1		0.0071		0.575	0.500	15.0	20.0
PCB-1221 Peak 2	Lin1		0.0048		0.590	0.500	18.0	20.0
PCB-1221 Peak 3	Lin1		0.0173		0.565	0.500	13.1	20.0
PCB-1254 Peak 1	Lin1		0.0240		0.556	0.500	11.2	20.0
PCB-1254 Peak 2	Lin1		0.0379		0.530	0.500	6.1	20.0
PCB-1254 Peak 3	Lin1		0.0280		0.537	0.500	7.4	20.0
PCB-1254 Peak 4	Lin1		0.0225		0.526	0.500	5.1	20.0
PCB-1254 Peak 5	Lin1		0.0372		0.528	0.500	5.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVIS 240-206283/28 Calibration Date: 11/11/2015 17:50

Instrument ID: A2HP4 Calib Start Date: 11/04/2015 21:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/04/2015 22:46

Lab File ID: P4000028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		0.0144		0.541	0.500	8.2	20.0
PCB-1016 Peak 2	Lin1		0.0279		0.540	0.500	7.9	20.0
PCB-1016 Peak 3	Lin1		0.0609		0.517	0.500	3.4	20.0
PCB-1016 Peak 4	Lin1		0.0243		0.528	0.500	5.6	20.0
PCB-1016 Peak 5	Lin1		0.0182		0.519	0.500	3.9	20.0
PCB-1260 Peak 1	Lin1		0.0327		0.493	0.500	-1.4	20.0
PCB-1260 Peak 2	Lin1		0.0419		0.500	0.500	0.0	20.0
PCB-1260 Peak 3	Lin1		0.0623		0.494	0.500	-1.2	20.0
PCB-1260 Peak 4	Lin1		0.0728		0.482	0.500	-3.5	20.0
PCB-1260 Peak 5	Lin1		0.0501		0.486	0.500	-2.7	20.0
Tetrachloro-m-xylene	Lin1		0.6986		0.0264	0.0250	5.8	20.0
DCB Decachlorobiphenyl	Lin1		0.5154		0.0219	0.0250	-12.3	20.0

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205809 Batch Start Date: 11/09/15 11:00 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 03:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ex10PPMSPK 00018	ex2/.2SURRW 00062		
240-57597-E-1	F-VB-UST-1-14	3540C, 8082A	T	29.54 g	10 mL		1 mL		
240-57597-D-2	F-VB-UST-2-14	3540C, 8082A	T	30.07 g	10 mL		1 mL		
240-57597-E-3	F-VB-UST-3-14	3540C, 8082A	T	30.14 g	10 mL		1 mL		
240-57597-E-4	F-VB-UST-4-14	3540C, 8082A	T	29.54 g	10 mL		1 mL		
240-57597-E-5	F-VB-UST-5-14	3540C, 8082A	T	30.48 g	10 mL		1 mL		
240-57597-E-6	F-VB-UST-6-14	3540C, 8082A	T	29.87 g	10 mL		1 mL		
240-57597-E-7	F-VB-UST-7-14	3540C, 8082A	T	30.04 g	10 mL		1 mL		
240-57597-D-8	F-VB-UST-8-14	3540C, 8082A	T	29.74 g	10 mL		1 mL		
240-57597-E-9	F-VB-UST-9-14	3540C, 8082A	T	30.07 g	10 mL		1 mL		
240-57597-E-10	F-VB-UST-10-14	3540C, 8082A	T	29.97 g	10 mL		1 mL		
240-57597-D-11	F-VB-UST-11-14	3540C, 8082A	T	30.28 g	10 mL		1 mL		
240-57597-D-12	F-VB-UST-12-14	3540C, 8082A	T	30.29 g	10 mL		1 mL		
240-57597-D-13	F-VB-UST-13-14	3540C, 8082A	T	30.41 g	10 mL		1 mL		
240-57597-E-14	F-VB-UST-14-14	3540C, 8082A	T	30.19 g	10 mL		1 mL		
240-57597-E-15	F-VB-UST-DUP	3540C, 8082A	T	30.34 g	10 mL		1 mL		
240-57597-E-15 MS	F-VB-UST-DUP	3540C, 8082A	T	29.65 g	10 mL	1 mL	1 mL		
240-57597-E-15 MSD	F-VB-UST-DUP	3540C, 8082A	T	29.78 g	10 mL	1 mL	1 mL		
MB 240-205809/21		3540C, 8082A		30 g	10 mL		1 mL		
LCS 240-205809/22		3540C, 8082A		30 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	2226515
Balance ID	1339912
Na2SO4 Lot Number	2204510
Prep Solvent Lot #	2247000

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45(mm)

Client Sample ID	Lab Sample ID	TFT1 #
F-VB-UST-1-14	240-57597-1	78
F-VB-UST-2-14	240-57597-2	79
F-VB-UST-3-14	240-57597-3	77
F-VB-UST-4-14	240-57597-4	71
F-VB-UST-5-14	240-57597-5	71
F-VB-UST-6-14	240-57597-6	76
F-VB-UST-7-14	240-57597-7	78
F-VB-UST-8-14	240-57597-8	73
F-VB-UST-9-14	240-57597-9	78
F-VB-UST-10-14	240-57597-10	79
F-VB-UST-11-14	240-57597-11	79
F-VB-UST-12-14	240-57597-12	78
F-VB-UST-13-14	240-57597-13	75
F-VB-UST-14-14	240-57597-14	80
F-VB-UST-DUP	240-57597-15	74
	MB 240-206227/1-A	73
	MB 240-206444/1-A	72
	LCS 240-206227/2-A	95
	LCS 240-206444/2-A	100
F-VB-UST-DUP MS	240-57597-15 MS	99
F-VB-UST-DUP MSD	240-57597-15 MSD	40

	QC LIMITS
TFT = Trifluorotoluene (Surr)	40-139

Column to be used to flag recovery values

FORM II 8015C

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-206227/1-A

Matrix: Solid Date Extracted: 11/11/2015 06:58

Lab File ID:(1) A0111107.D Lab File ID:(2)

Date Analyzed:(1) 11/11/2015 09:56 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206227/2-A	11/11/2015 10:31	
F-VB-UST-1-14	240-57597-1	11/11/2015 11:08	
F-VB-UST-2-14	240-57597-2	11/11/2015 11:45	
F-VB-UST-3-14	240-57597-3	11/11/2015 12:23	
F-VB-UST-4-14	240-57597-4	11/11/2015 13:00	
F-VB-UST-6-14	240-57597-6	11/11/2015 14:13	
F-VB-UST-7-14	240-57597-7	11/11/2015 14:50	
F-VB-UST-8-14	240-57597-8	11/11/2015 15:27	
F-VB-UST-9-14	240-57597-9	11/11/2015 17:19	
F-VB-UST-10-14	240-57597-10	11/11/2015 17:57	
F-VB-UST-11-14	240-57597-11	11/11/2015 18:34	
F-VB-UST-12-14	240-57597-12	11/11/2015 19:12	
F-VB-UST-13-14	240-57597-13	11/11/2015 19:48	
F-VB-UST-14-14	240-57597-14	11/11/2015 20:25	
F-VB-UST-DUP	240-57597-15	11/11/2015 21:03	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 21:40	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 22:17	

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206227/1-A

Matrix: Solid Lab File ID: A0111107.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/11/2015 09:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		40-139

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111108.D

Lab ID: LCS 240-206227/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	786	98	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206227/2-A

Matrix: Solid Lab File ID: A0111108.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/11/2015 10:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	786		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	95		40-139

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A0111108.D
Lims ID: LCS 240-206227/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 10:31:41 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0049133-008
Operator ID: Instrument ID: AFID

Method: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A80218015.m
Limit Group: GCV 8015C GRO ICAL
Last Update: 12-Nov-2015 06:28:18 Calib Date: 24-Aug-2015 17:07:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\AFID\20150824-46596.b\A0082112.D

Column 1 : Det: GC FID1A
Process Host: XAWRK032

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	10.363	10.366	-0.003	4201616	10.0	9.46	
A 5 C6-C10	11.535	(5.939-17.178)		318414423	800.0	786.4	
A 1 C6-C12	12.801	(5.939-19.699)		363011179	800.0	806.4	

Reagents:

VGGASCHK_00070 Amount Added: 40.00 Units: uL
VGGASURROGATE_00034 Amount Added: 1.00 Units: uL Run Reagent

FORM III
GC VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111126.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	928	54 U	856	92	10-136	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
GC VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111127.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	926	206	22	122	40	10-136	F2

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MS | Lab Sample ID: 240-57597-15 MS

Matrix: Solid | Lab File ID: A0111126.D

Analysis Method: 8015C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.04(g) | Date Analyzed: 11/11/2015 21:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 206211 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	856		120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	99		40-139

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A0111126.D
Lims ID: 240-57597-C-15-B MS
Client ID:
Sample Type: MS
Inject. Date: 11-Nov-2015 21:40:33 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0049133-026
Operator ID: Instrument ID: AFID

Method: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A80218015.m
Limit Group: GCV 8015C GRO ICAL
Last Update: 12-Nov-2015 06:28:29 Calib Date: 24-Aug-2015 17:07:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\AFID\20150824-46596.b\A0082112.D

Column 1 : Det: GC FID1A
Process Host: XAWRK032

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 2-Methylpentane	6.088	6.101	-0.013	14862522		NC	
12 Methyl tert-butyl ether	6.453	6.421	0.032	7414201		NC	
$ 16 Trifluorotoluene (Surr)	10.368	10.374	-0.006	4390464	10.0	9.88	
A 5 C6-C10	11.559	(5.939-17.178)		298900015	800.0	738.2	
A 1 C6-C12	12.819	(5.939-19.699)		335788384	800.0	745.9	
A 11 GRO	13.152	(6.265-20.038)		350425266		NC	
17 1,2,4-Trimethylbenzene	17.011	17.010	0.001	12491028		NC	
14 Dodecane	19.505	19.498	0.007	706013		NC	
9 Naphthalene	19.843	19.888	-0.045	1526118		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGASCHK_00070 Amount Added: 40.00 Units: uL
VGGASURROGATE_00034 Amount Added: 1.00 Units: uL Run Reagent

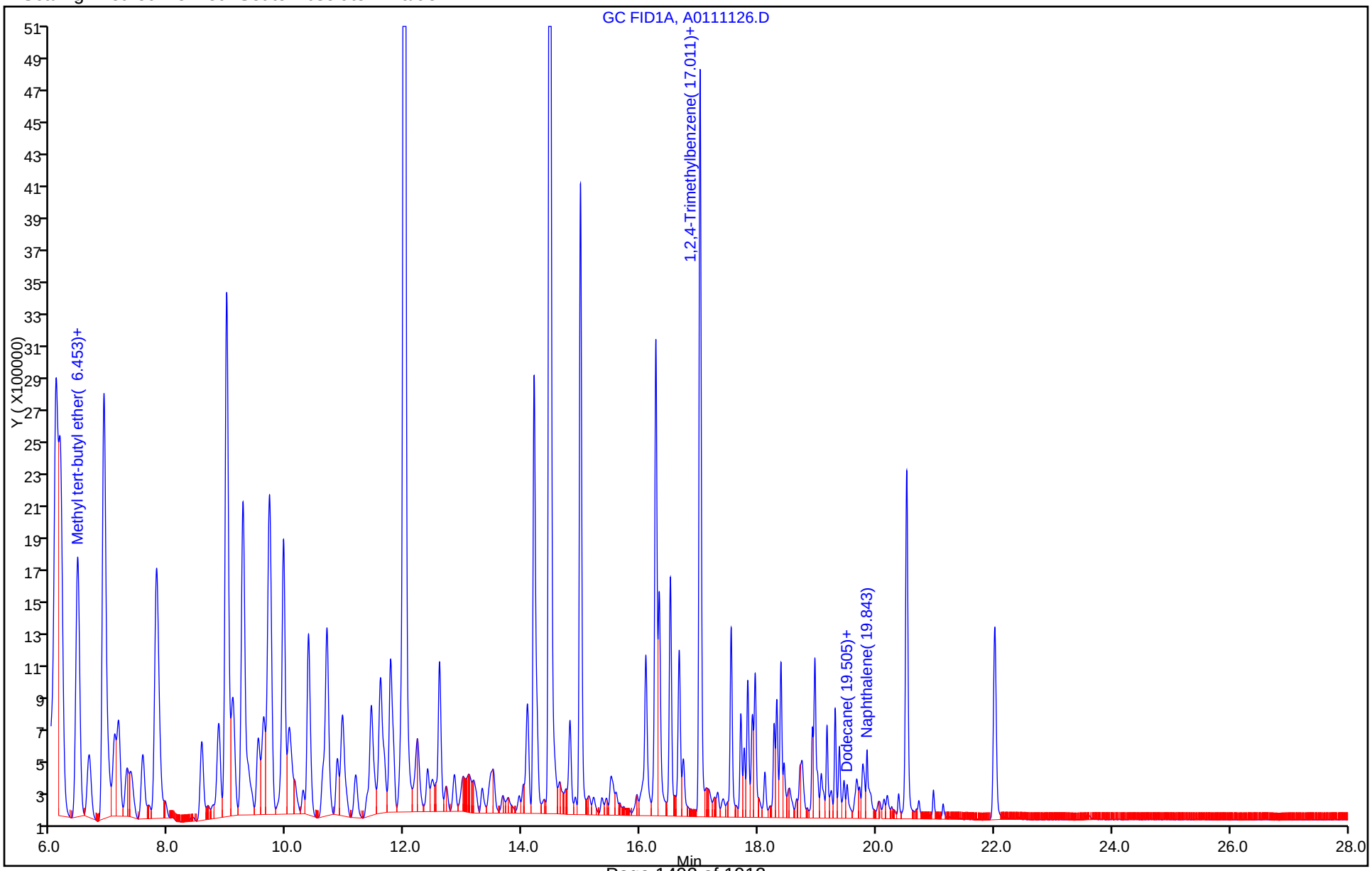
Report Date: 12-Nov-2015 06:28:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Canton

Data File: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A0111126.D

Injection Date:	11-Nov-2015 21:40:33	Instrument ID:	AFID	Operator ID:	
Lims ID:	240-57597-C-15-B MS			Worklist Smp#:	26
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	A80218015	Limit Group:	GCV 8015C GRO ICAL		

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: F-VB-UST-DUP MSD Lab Sample ID: 240-57597-15 MSD

Matrix: Solid Lab File ID: A0111127.D

Analysis Method: 8015C Date Collected: 11/05/2015 00:00

Sample wt/vol: 5.05(g) Date Analyzed: 11/11/2015 22:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 Level: (low/med) Low

Analysis Batch No.: 206211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	206		120	53

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	40		40-139

MSD %R = 22%

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A0111127.D
Lims ID: 240-57597-C-15-C MSD
Client ID:
Sample Type: MSD
Inject. Date: 11-Nov-2015 22:17:52 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0049133-027
Operator ID: Instrument ID: AFID

Method: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A80218015.m
Limit Group: GCV 8015C GRO ICAL
Last Update: 12-Nov-2015 06:28:29 Calib Date: 24-Aug-2015 17:07:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\AFID\20150824-46596.b\A0082112.D

Column 1 : Det: GC FID1A
Process Host: XAWRK032

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 2-Methylpentane	6.139	6.101	0.038	7317419		NC	
12 Methyl tert-butyl ether	6.442	6.421	0.021	1636776		NC	
$ 16 Trifluorotoluene (Surr)	10.367	10.374	-0.007	1789897	10.0	4.03	
A 5 C6-C10	11.559	(5.939-17.178)		72198879	800.0	178.3	
A 1 C6-C12	12.819	(5.939-19.699)		81609255	800.0	181.3	
A 11 GRO	13.152	(6.265-20.038)		99483778		NC	
17 1,2,4-Trimethylbenzene	17.014	17.010	0.004	3602706		NC	
14 Dodecane	19.509	19.498	0.011	143429		NC	
9 Naphthalene	19.909	19.888	0.021	76360		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGASCHK_00070 Amount Added: 40.00 Units: uL
VGGASURROGATE_00034 Amount Added: 1.00 Units: uL Run Reagent

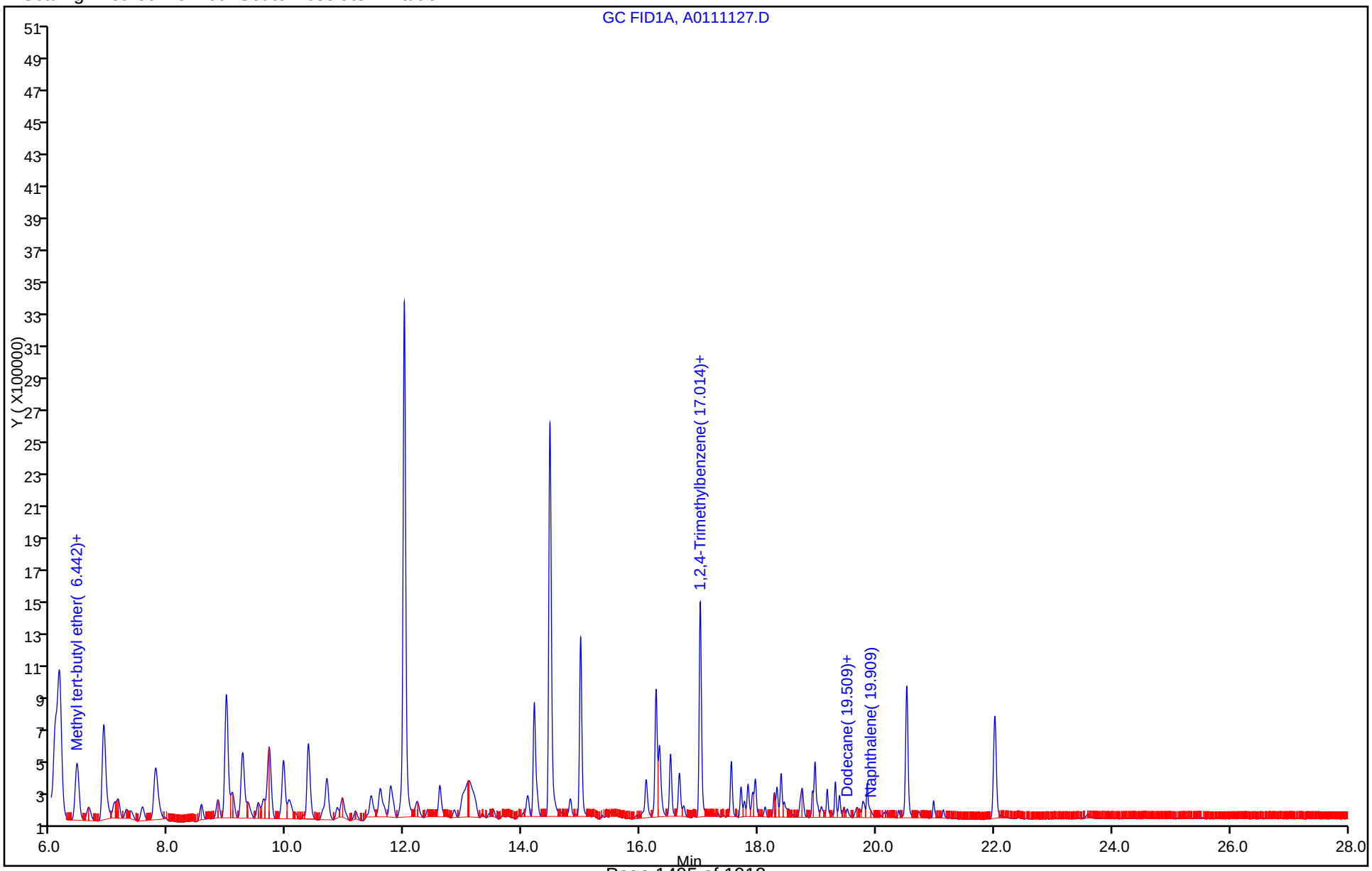
Report Date: 12-Nov-2015 06:28:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Canton

Data File: \\ChromNA\Canton\ChromData\AFID\20151111-49133.b\A0111127.D

Injection Date:	11-Nov-2015 22:17:52	Instrument ID:	AFID	Operator ID:	
Lims ID:	240-57597-C-15-C MSD			Worklist Smp#:	27
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	A80218015	Limit Group:	GCV 8015C GRO ICAL		

Y Scaling: Method Defined: Set to Absolute Y Value



FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-206444/1-A

Matrix: Solid Date Extracted: 11/12/2015 05:59

Lab File ID:(1) A0111205.D Lab File ID:(2)

Date Analyzed:(1) 11/12/2015 08:03 Date Analyzed:(2)

Instrument ID:(1) AFID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-206444/2-A	11/12/2015 08:40	
F-VB-UST-5-14	240-57597-5	11/12/2015 09:17	

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-206444/1-A

Matrix: Solid Lab File ID: A0111205.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/12/2015 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206404 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	46	U	100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		40-139

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: A0111206.D

Lab ID: LCS 240-206444/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Gasoline Range Organics [C6 - C10]	800	787	98	74-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-206444/2-A

Matrix: Solid Lab File ID: A0111206.D

Analysis Method: 8015C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/12/2015 08:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 206404 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics [C6 - C10]	787		100	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	100		40-139

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\ChromNA\Canton\ChromData\AFID\20151112-49174.b\A0111206.D
Lims ID: LCS 240-206444/2-A
Client ID:
Sample Type: LCS
Inject. Date: 12-Nov-2015 08:40:00 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: AFID

Method: \\ChromNA\Canton\ChromData\AFID\20151112-49174.b\A80218015.m
Limit Group: GCV 8015C GRO ICAL
Last Update: 12-Nov-2015 09:30:49 Calib Date: 24-Aug-2015 17:07:27
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Canton\ChromData\AFID\20150824-46596.b\A0082112.D

Column 1 : Det: GC FID1A
Process Host: XAWRK031

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	10.372	10.368	0.004	4430972	10.0	9.97	
A 5 C6-C10	11.532	(5.929-17.135)		318752592	800.0	787.2	
A 1 C6-C12	12.792	(5.929-19.655)		361056203	800.0	802.1	

Reagents:

VGGASCHK_00070 Amount Added: 40.00 Units: uL
VGGASURROGATE_00034 Amount Added: 1.00 Units: uL Run Reagent

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD4 240-194508/10 Date Analyzed: 08/24/2015 15:53

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0082110.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
INITIAL CALIBRATION SURROGATE				10.34		
UPPER LIMIT				10.44		
LOWER LIMIT				10.24		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD4 240-194508/10 ICRT		08/24/2015 15:53	A0082110.D	10.34		
ICV 240-194508/13		08/24/2015 17:45	A0082113.D	10.34		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVRT 240-206211/4 Date Analyzed: 11/11/2015 08:08

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111104.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT RT #		
CONTINUING CALIBRATION SURROGATE				10.36		
UPPER LIMIT				10.46		
LOWER LIMIT				10.26		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-206211/4		11/11/2015 08:08	A0111104.D	10.36		
CCV 240-206211/6		11/11/2015 09:20	A0111106.D	10.37		
MB 240-206227/1-A		11/11/2015 09:56	A0111107.D	10.36		
LCS 240-206227/2-A		11/11/2015 10:31	A0111108.D	10.36		
240-57597-1	F-VB-UST-1-14	11/11/2015 11:08	A0111109.D	10.37		
240-57597-2	F-VB-UST-2-14	11/11/2015 11:45	A0111110.D	10.37		
240-57597-3	F-VB-UST-3-14	11/11/2015 12:23	A0111111.D	10.37		
240-57597-4	F-VB-UST-4-14	11/11/2015 13:00	A0111112.D	10.37		
240-57597-6	F-VB-UST-6-14	11/11/2015 14:13	A0111114.D	10.37		
240-57597-7	F-VB-UST-7-14	11/11/2015 14:50	A0111115.D	10.37		
240-57597-8	F-VB-UST-8-14	11/11/2015 15:27	A0111116.D	10.37		
CCV 240-206211/18		11/11/2015 16:42	A0111118.D	10.37		
240-57597-9	F-VB-UST-9-14	11/11/2015 17:19	A0111119.D	10.37		
240-57597-10	F-VB-UST-10-14	11/11/2015 17:57	A0111120.D	10.37		
240-57597-11	F-VB-UST-11-14	11/11/2015 18:34	A0111121.D	10.37		
240-57597-12	F-VB-UST-12-14	11/11/2015 19:12	A0111122.D	10.37		
240-57597-13	F-VB-UST-13-14	11/11/2015 19:48	A0111123.D	10.37		
240-57597-14	F-VB-UST-14-14	11/11/2015 20:25	A0111124.D	10.37		
240-57597-15	F-VB-UST-DUP	11/11/2015 21:03	A0111125.D	10.37		
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:40	A0111126.D	10.37		
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 22:17	A0111127.D	10.37		
CCV 240-206211/28		11/11/2015 22:54	A0111128.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCVRT 240-206404/4 Date Analyzed: 11/12/2015 07:26

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): A0111204.D Heated Purge: (Y/N) N

Calibration ID: 30361

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.37		
UPPER LIMIT				10.47		
LOWER LIMIT				10.27		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-206404/4		11/12/2015 07:26	A0111204.D	10.37		
MB 240-206444/1-A		11/12/2015 08:03	A0111205.D	10.37		
LCS 240-206444/2-A		11/12/2015 08:40	A0111206.D	10.37		
240-57597-5	F-VB-UST-5-14	11/12/2015 09:17	A0111207.D	10.37		
CCV 240-206404/8		11/12/2015 09:54	A0111208.D	10.37		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 08/24/2015 13:59

Analysis Batch Number: 194508 End Date: 08/24/2015 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-194508/7 IC		08/24/2015 13:59	1	A0082107.D	RTX-VRX 0.45(mm)
STD2 240-194508/8 IC		08/24/2015 14:37	1	A0082108.D	RTX-VRX 0.45(mm)
STD3 240-194508/9 IC		08/24/2015 15:14	1	A0082109.D	RTX-VRX 0.45(mm)
STD4 240-194508/10 ICRT		08/24/2015 15:53	1	A0082110.D	RTX-VRX 0.45(mm)
STD5 240-194508/11 IC		08/24/2015 16:31	1	A0082111.D	RTX-VRX 0.45(mm)
STD6 240-194508/12 IC		08/24/2015 17:07	1	A0082112.D	RTX-VRX 0.45(mm)
ICV 240-194508/13		08/24/2015 17:45	1	A0082113.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 11/11/2015 08:08

Analysis Batch Number: 206211 End Date: 11/11/2015 22:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-206211/4		11/11/2015 08:08	1	A0111104.D	RTX-VRX 0.45(mm)
CCV 240-206211/6		11/11/2015 09:20	1	A0111106.D	RTX-VRX 0.45(mm)
MB 240-206227/1-A		11/11/2015 09:56	1	A0111107.D	RTX-VRX 0.45(mm)
LCS 240-206227/2-A		11/11/2015 10:31	1	A0111108.D	RTX-VRX 0.45(mm)
240-57597-1	F-VB-UST-1-14	11/11/2015 11:08	1	A0111109.D	RTX-VRX 0.45(mm)
240-57597-2	F-VB-UST-2-14	11/11/2015 11:45	1	A0111110.D	RTX-VRX 0.45(mm)
240-57597-3	F-VB-UST-3-14	11/11/2015 12:23	1	A0111111.D	RTX-VRX 0.45(mm)
240-57597-4	F-VB-UST-4-14	11/11/2015 13:00	1	A0111112.D	RTX-VRX 0.45(mm)
ZZZZZ		11/11/2015 13:36	1		RTX-VRX 0.45(mm)
240-57597-6	F-VB-UST-6-14	11/11/2015 14:13	1	A0111114.D	RTX-VRX 0.45(mm)
240-57597-7	F-VB-UST-7-14	11/11/2015 14:50	1	A0111115.D	RTX-VRX 0.45(mm)
240-57597-8	F-VB-UST-8-14	11/11/2015 15:27	1	A0111116.D	RTX-VRX 0.45(mm)
CCV 240-206211/18		11/11/2015 16:42	1	A0111118.D	RTX-VRX 0.45(mm)
240-57597-9	F-VB-UST-9-14	11/11/2015 17:19	1	A0111119.D	RTX-VRX 0.45(mm)
240-57597-10	F-VB-UST-10-14	11/11/2015 17:57	1	A0111120.D	RTX-VRX 0.45(mm)
240-57597-11	F-VB-UST-11-14	11/11/2015 18:34	1	A0111121.D	RTX-VRX 0.45(mm)
240-57597-12	F-VB-UST-12-14	11/11/2015 19:12	1	A0111122.D	RTX-VRX 0.45(mm)
240-57597-13	F-VB-UST-13-14	11/11/2015 19:48	1	A0111123.D	RTX-VRX 0.45(mm)
240-57597-14	F-VB-UST-14-14	11/11/2015 20:25	1	A0111124.D	RTX-VRX 0.45(mm)
240-57597-15	F-VB-UST-DUP	11/11/2015 21:03	1	A0111125.D	RTX-VRX 0.45(mm)
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:40	1	A0111126.D	RTX-VRX 0.45(mm)
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 22:17	1	A0111127.D	RTX-VRX 0.45(mm)
CCV 240-206211/28		11/11/2015 22:54	1	A0111128.D	RTX-VRX 0.45(mm)

GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: AFID Start Date: 11/12/2015 07:26

Analysis Batch Number: 206404 End Date: 11/13/2015 01:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-206404/4		11/12/2015 07:26	1	A0111204.D	RTX-VRX 0.45(mm)
MB 240-206444/1-A		11/12/2015 08:03	1	A0111205.D	RTX-VRX 0.45(mm)
LCS 240-206444/2-A		11/12/2015 08:40	1	A0111206.D	RTX-VRX 0.45(mm)
240-57597-5	F-VB-UST-5-14	11/12/2015 09:17	1	A0111207.D	RTX-VRX 0.45(mm)
CCV 240-206404/8		11/12/2015 09:54	1	A0111208.D	RTX-VRX 0.45(mm)
CCV 240-206404/16		11/12/2015 14:54	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 15:31	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 16:09	1		RTX-VRX 0.45(mm)
CCV 240-206404/22		11/12/2015 18:38	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 19:51	1		RTX-VRX 0.45(mm)
ZZZZZ		11/12/2015 20:28	1		RTX-VRX 0.45(mm)
CCV 240-206404/33		11/13/2015 01:22	1		RTX-VRX 0.45(mm)

8015C

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 194508

SDG No.:

Instrument ID: AFID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2015 13:59 Calibration End Date: 08/24/2015 17:07 Calibration ID: 30361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-194508/7	A0082107.D
Level 2	STD2 240-194508/8	A0082108.D
Level 3	STD3 240-194508/9	A0082109.D
Level 4	STD4 240-194508/10	A0082110.D
Level 5	STD5 240-194508/11	A0082111.D
Level 6	STD6 240-194508/12	A0082112.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Gasoline Range Organics [C6 - C10]	281051 441376	404289 439409	445616	417800	Ave		404923.648				15.5		20.0			
C6-C12	344884 484706	442549 478304	494744	455788	Ave		450162.318				12.2		20.0			
Trifluorotoluene (Surr)	452208 466474	509634 371094	436510	429984	Ave		444317.252				10.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-194508/13 Calibration Date: 08/24/2015 17:45

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0082113.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	425225		840	800	5.0	20.0
C6-C12	Ave	450162	466294		829	800	3.6	20.0
Trifluorotoluene (Surr)	Ave	444317	487053		11.0	10.0	9.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206211/4 Calibration Date: 11/11/2015 08:08

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111104.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	420445		831	800	3.8	20.0
C6-C12	Ave	450162	459766		817	800	2.1	20.0
Trifluorotoluene (Surr)	Ave	444317	408705		9.20	10.0	-8.0	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/6 Calibration Date: 11/11/2015 09:20

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111106.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	428576		847	800	5.8	20.0
C6-C12	Ave	450162	466289		829	800	3.6	20.0
Trifluorotoluene (Surr)	Ave	444317	402849		9.07	10.0	-9.3	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/18 Calibration Date: 11/11/2015 16:42

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111118.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	421224		832	800	4.0	20.0
C6-C12	Ave	450162	459626		817	800	2.1	20.0
Trifluorotoluene (Surr)	Ave	444317	402080		9.05	10.0	-9.5	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206211/28 Calibration Date: 11/11/2015 22:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111128.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	417296		824	800	3.1	20.0
C6-C12	Ave	450162	454853		808	800	1.0	20.0
Trifluorotoluene (Surr)	Ave	444317	401488		9.04	10.0	-9.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCVRT 240-206404/4 Calibration Date: 11/12/2015 07:26

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111204.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	427634		845	800	5.6	20.0
C6-C12	Ave	450162	465474		827	800	3.4	20.0
Trifluorotoluene (Surr)	Ave	444317	405884		9.14	10.0	-8.6	20.0

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206404/8 Calibration Date: 11/12/2015 09:54

Instrument ID: AFID Calib Start Date: 08/24/2015 13:59

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/24/2015 17:07

Lab File ID: A0111208.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Gasoline Range Organics [C6 - C10]	Ave	404924	428972		848	800	5.9	20.0
C6-C12	Ave	450162	465297		827	800	3.4	20.0
Trifluorotoluene (Surr)	Ave	444317	420936		9.47	10.0	-5.3	20.0

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206227 Batch Start Date: 11/11/15 06:58 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206227/1		5030A, 8015C		5 g	5 mL				
LCS 240-206227/2		5030A, 8015C		5 g	5 mL				
240-57597-C-1	F-VB-UST-1-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-2	F-VB-UST-2-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-3	F-VB-UST-3-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-4	F-VB-UST-4-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-6	F-VB-UST-6-14	5030A, 8015C	T	5.01 g	5 mL				
240-57597-C-7	F-VB-UST-7-14	5030A, 8015C	T	4.97 g	5 mL				
240-57597-C-8	F-VB-UST-8-14	5030A, 8015C	T	4.98 g	5 mL				
240-57597-C-9	F-VB-UST-9-14	5030A, 8015C	T	5.00 g	5 mL				
240-57597-C-10	F-VB-UST-10-14	5030A, 8015C	T	5.02 g	5 mL				
240-57597-C-11	F-VB-UST-11-14	5030A, 8015C	T	5.03 g	5 mL				
240-57597-C-12	F-VB-UST-12-14	5030A, 8015C	T	5.04 g	5 mL				
240-57597-C-13	F-VB-UST-13-14	5030A, 8015C	T	4.99 g	5 mL				
240-57597-C-14	F-VB-UST-14-14	5030A, 8015C	T	5.02 g	5 mL				
240-57597-C-15	F-VB-UST-DUP	5030A, 8015C	T	5.00 g	5 mL				
240-57597-C-15 MS	F-VB-UST-DUP	5030A, 8015C	T	5.04 g	5 mL				
240-57597-C-15 MSD	F-VB-UST-DUP	5030A, 8015C	T	5.05 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 206444 Batch Start Date: 11/12/15 07:59 Batch Analyst: Reed, Rachel T

Batch Method: 5030A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 240-206444/1		5030A, 8015C		5 g	5 mL				
LCS 240-206444/2		5030A, 8015C		5 g	5 mL				
240-57597-C-5	F-VB-UST-5-14	5030A, 8015C	T	4.98 g	5 mL				

Batch Notes	
Balance ID	B045
Blank Soil Lot Number	1757979

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

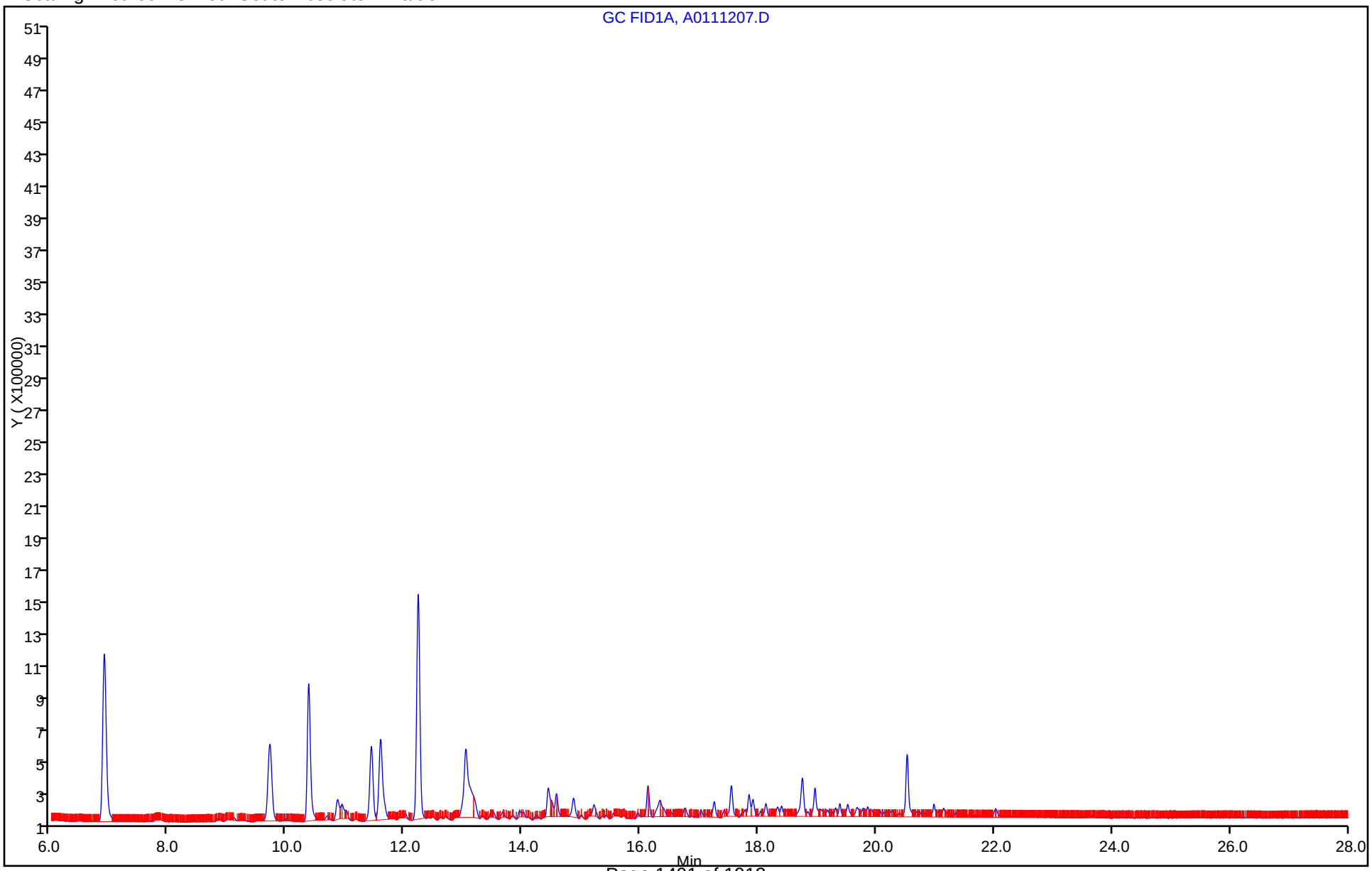
Report Date: 12-Nov-2015 09:30:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Canton

Data File: \\ChromNA\Canton\ChromData\AFID\20151112-49174.b\A0111207.D

Injection Date:	12-Nov-2015 09:17:06	Instrument ID:	AFID	Operator ID:	
Lims ID:	240-57597-C-5-B	Lab Sample ID:	240-57597-5	Worklist Smp#:	7
Client ID:	F-VB-UST-5-14				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	A80218015	Limit Group:	GCV 8015C GRO ICAL		

Y Scaling: Method Defined: Set to Absolute Y Value



FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	OTPH1 #
F-VB-UST-1-14	240-57597-1	62
F-VB-UST-2-14	240-57597-2	62
F-VB-UST-3-14	240-57597-3	59
F-VB-UST-4-14	240-57597-4	60
F-VB-UST-5-14	240-57597-5	56
F-VB-UST-6-14	240-57597-6	60
F-VB-UST-7-14	240-57597-7	65
F-VB-UST-8-14	240-57597-8	65
F-VB-UST-9-14	240-57597-9	57
F-VB-UST-10-14	240-57597-10	64
F-VB-UST-11-14	240-57597-11	64
F-VB-UST-12-14	240-57597-12	73
F-VB-UST-13-14	240-57597-13	68
F-VB-UST-14-14	240-57597-14	61
F-VB-UST-DUP	240-57597-15	65
	MB 240-205788/22-A	56
	LCS 240-205788/23-A	67
F-VB-UST-DUP MS	240-57597-15 MS	81
F-VB-UST-DUP MSD	240-57597-15 MSD	73

	QC LIMITS
OTPH = o-Terphenyl (Surr)	40-160

Column to be used to flag recovery values

FORM II 8015C

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: MB 240-205788/22-A

Matrix: Solid Date Extracted: 11/09/2015 09:40

Lab File ID:(1) P5B11008.D Lab File ID:(2)

Date Analyzed:(1) 11/10/2015 16:59 Date Analyzed:(2)

Instrument ID:(1) A2HP5R Instrument ID:(2)

GC Column:(1) ID: GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-205788/23-A	11/10/2015 17:31	
F-VB-UST-1-14	240-57597-1	11/10/2015 20:07	
F-VB-UST-2-14	240-57597-2	11/10/2015 20:38	
F-VB-UST-3-14	240-57597-3	11/10/2015 21:10	
F-VB-UST-4-14	240-57597-4	11/10/2015 21:41	
F-VB-UST-5-14	240-57597-5	11/10/2015 22:43	
F-VB-UST-6-14	240-57597-6	11/10/2015 23:14	
F-VB-UST-7-14	240-57597-7	11/10/2015 23:46	
F-VB-UST-8-14	240-57597-8	11/11/2015 00:17	
F-VB-UST-9-14	240-57597-9	11/11/2015 00:48	
F-VB-UST-10-14	240-57597-10	11/11/2015 01:19	
F-VB-UST-11-14	240-57597-11	11/11/2015 01:50	
F-VB-UST-12-14	240-57597-12	11/11/2015 19:03	
F-VB-UST-13-14	240-57597-13	11/11/2015 19:34	
F-VB-UST-14-14	240-57597-14	11/11/2015 20:06	
F-VB-UST-DUP	240-57597-15	11/11/2015 20:37	
F-VB-UST-DUP MS	240-57597-15 MS	11/11/2015 21:08	
F-VB-UST-DUP MSD	240-57597-15 MSD	11/11/2015 21:39	

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-57597-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-205788/22-A

Matrix: Solid | Lab File ID: P5B11008.D

Analysis Method: 8015C | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/09/2015 09:40

Sample wt/vol: 30(g) | Date Analyzed: 11/10/2015 16:59

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 206105 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	Total Petroleum Hydrocarbons (C10-C32)	7.82	J	17	6.4

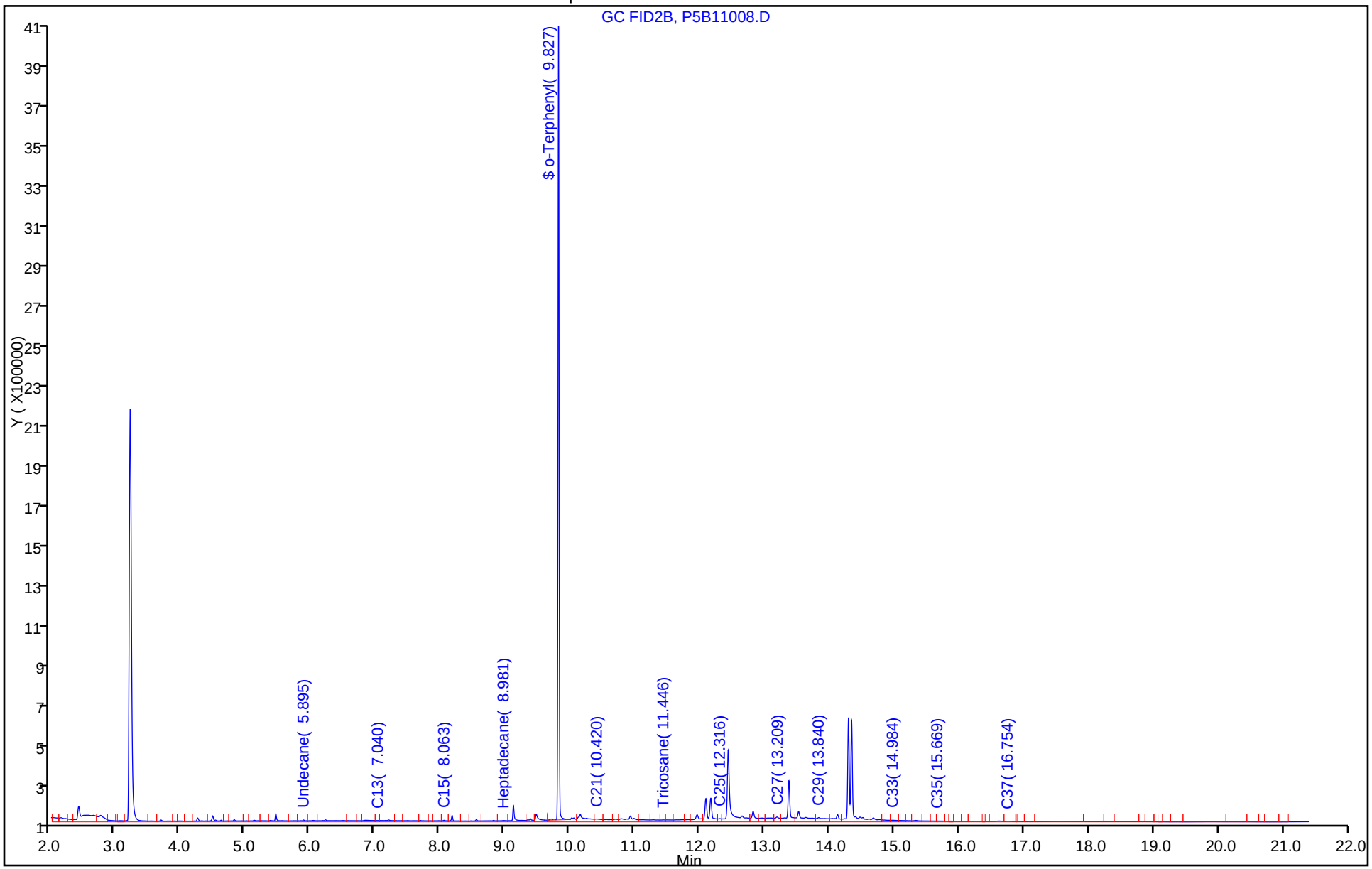
CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	56		40-160

Report Date: 11-Nov-2015 11:01:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Canton

Data File: \\ChromNA\Canton\ChromData\A2HP5R\20151110-49111.b\P5B11008.D

Injection Date:	10-Nov-2015 16:59:33	Instrument ID:	A2HP5R	Operator ID:	402582
Lims ID:	MB 240-205788/22-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	TPH5R	Limit Group:	GC 8015C TPH ICAL		



FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11009.D

Lab ID: LCS 240-205788/23-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	84.0	53.7	64	52-120	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11113.D

Lab ID: 240-57597-15 MS Client ID: F-VB-UST-DUP MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel	99.5	7.5 U	75.1	75	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B11114.D

Lab ID: 240-57597-15 MSD Client ID: F-VB-UST-DUP MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Diesel	97.6	77.9	80	4	40	10-124	

Column to be used to flag recovery and RPD values

FORM III 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: STD3 240-205608/10 Date Analyzed: 11/06/2015 17:59

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B10610.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-205608/10 ICRT		11/06/2015 17:59	P5B10610.D	9.83		

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206105/7 Date Analyzed: 11/10/2015 16:28

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11007.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-206105/7 CCVRT		11/10/2015 16:28	P5B11007.D	9.83		
MB 240-205788/22-A		11/10/2015 16:59	P5B11008.D	9.83		
LCS 240-205788/23-A		11/10/2015 17:31	P5B11009.D	9.83		
240-57597-1	F-VB-UST-1-14	11/10/2015 20:07	P5B11014.D	9.83		
240-57597-2	F-VB-UST-2-14	11/10/2015 20:38	P5B11015.D	9.83		
240-57597-3	F-VB-UST-3-14	11/10/2015 21:10	P5B11016.D	9.83		
240-57597-4	F-VB-UST-4-14	11/10/2015 21:41	P5B11017.D	9.83		
CCV 240-206105/18		11/10/2015 22:12	P5B11018.D	9.83		
240-57597-5	F-VB-UST-5-14	11/10/2015 22:43	P5B11019.D	9.83		
240-57597-6	F-VB-UST-6-14	11/10/2015 23:14	P5B11020.D	9.83		
240-57597-7	F-VB-UST-7-14	11/10/2015 23:46	P5B11021.D	9.83		
240-57597-8	F-VB-UST-8-14	11/11/2015 00:17	P5B11022.D	9.83		
240-57597-9	F-VB-UST-9-14	11/11/2015 00:48	P5B11023.D	9.83		
240-57597-10	F-VB-UST-10-14	11/11/2015 01:19	P5B11024.D	9.83		
240-57597-11	F-VB-UST-11-14	11/11/2015 01:50	P5B11025.D	9.83		
CCV 240-206105/30		11/11/2015 04:56	P5B11031.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Sample No.: CCV 240-206356/7 Date Analyzed: 11/11/2015 18:00

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B11107.D Heated Purge: (Y/N) N

Calibration ID: 31386

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.83		
UPPER LIMIT				9.93		
LOWER LIMIT				9.73		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-206356/7 CCVRT		11/11/2015 18:00	P5B11107.D	9.83		
240-57597-12	F-VB-UST-12-14	11/11/2015 19:03	P5B11109.D	9.83		
240-57597-13	F-VB-UST-13-14	11/11/2015 19:34	P5B11110.D	9.83		
240-57597-14	F-VB-UST-14-14	11/11/2015 20:06	P5B11111.D	9.83		
240-57597-15	F-VB-UST-DUP	11/11/2015 20:37	P5B11112.D	9.83		
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:08	P5B11113.D	9.83		
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 21:39	P5B11114.D	9.83		
CCV 240-206356/15		11/11/2015 22:11	P5B11115.D	9.83		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015C

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/06/2015 15:50

Analysis Batch Number: 205608 End Date: 11/06/2015 19:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-205608/8 IC		11/06/2015 15:50	1	P5B10608.D	
STD2 240-205608/9 IC		11/06/2015 17:28	1	P5B10609.D	
STD3 240-205608/10 ICRT		11/06/2015 17:59	1	P5B10610.D	
STD4 240-205608/11 IC		11/06/2015 18:30	1	P5B10611.D	
STD5 240-205608/12 IC		11/06/2015 19:01	1	P5B10612.D	
ICV 240-205608/13		11/06/2015 19:33	1	P5B10613.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/10/2015 16:28

Analysis Batch Number: 206105 End Date: 11/11/2015 04:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206105/7 CCVRT		11/10/2015 16:28	1	P5B11007.D	
MB 240-205788/22-A		11/10/2015 16:59	1	P5B11008.D	
LCS 240-205788/23-A		11/10/2015 17:31	1	P5B11009.D	
ZZZZZ		11/10/2015 19:04	1		
240-57597-1	F-VB-UST-1-14	11/10/2015 20:07	1	P5B11014.D	
240-57597-2	F-VB-UST-2-14	11/10/2015 20:38	1	P5B11015.D	
240-57597-3	F-VB-UST-3-14	11/10/2015 21:10	1	P5B11016.D	
240-57597-4	F-VB-UST-4-14	11/10/2015 21:41	1	P5B11017.D	
CCV 240-206105/18		11/10/2015 22:12	1	P5B11018.D	
240-57597-5	F-VB-UST-5-14	11/10/2015 22:43	1	P5B11019.D	
240-57597-6	F-VB-UST-6-14	11/10/2015 23:14	1	P5B11020.D	
240-57597-7	F-VB-UST-7-14	11/10/2015 23:46	1	P5B11021.D	
240-57597-8	F-VB-UST-8-14	11/11/2015 00:17	1	P5B11022.D	
240-57597-9	F-VB-UST-9-14	11/11/2015 00:48	1	P5B11023.D	
240-57597-10	F-VB-UST-10-14	11/11/2015 01:19	1	P5B11024.D	
240-57597-11	F-VB-UST-11-14	11/11/2015 01:50	1	P5B11025.D	
CCV 240-206105/30		11/11/2015 04:56	1	P5B11031.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/11/2015 18:00

Analysis Batch Number: 206356 End Date: 11/11/2015 22:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-206356/7 CCVRT		11/11/2015 18:00	1	P5B11107.D	
240-57597-12	F-VB-UST-12-14	11/11/2015 19:03	1	P5B11109.D	
240-57597-13	F-VB-UST-13-14	11/11/2015 19:34	1	P5B11110.D	
240-57597-14	F-VB-UST-14-14	11/11/2015 20:06	1	P5B11111.D	
240-57597-15	F-VB-UST-DUP	11/11/2015 20:37	1	P5B11112.D	
240-57597-15 MS	F-VB-UST-DUP MS	11/11/2015 21:08	1	P5B11113.D	
240-57597-15 MSD	F-VB-UST-DUP MSD	11/11/2015 21:39	1	P5B11114.D	
CCV 240-206356/15		11/11/2015 22:11	1	P5B11115.D	

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-57597-1 Analy Batch No.: 205608

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/06/2015 15:50 Calibration End Date: 11/06/2015 19:01 Calibration ID: 31386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-205608/8	P5B10608.D
Level 2	STD2 240-205608/9	P5B10609.D
Level 3	STD3 240-205608/10	P5B10610.D
Level 4	STD4 240-205608/11	P5B10611.D
Level 5	STD5 240-205608/12	P5B10612.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	156067 174183	161462	135888	139742	Ave		153468.493				10.3		20.0			
o-Terphenyl (Surr)	213204 240558	209043	182141	189552	Ave		206899.578				11.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: ICV 240-205608/13 Calibration Date: 11/06/2015 19:33

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B10613.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	164201		537	502	7.0	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/7 Calibration Date: 11/10/2015 16:28

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11007.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	149333		487	500	-2.7	20.0
o-Terphenyl (Surr)	Ave	206900	178269		34.5	40.0	-13.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/18 Calibration Date: 11/10/2015 22:12

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	166560		543	500	8.5	20.0
o-Terphenyl (Surr)	Ave	206900	216799		41.9	40.0	4.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206105/30 Calibration Date: 11/11/2015 04:56

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11031.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	176144		574	500	14.8	20.0
o-Terphenyl (Surr)	Ave	206900	226941		43.9	40.0	9.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/7 Calibration Date: 11/11/2015 18:00

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11107.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	156558		510	500	2.0	20.0
o-Terphenyl (Surr)	Ave	206900	215548		41.7	40.0	4.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Lab Sample ID: CCV 240-206356/15 Calibration Date: 11/11/2015 22:11

Instrument ID: A2HP5R Calib Start Date: 11/06/2015 15:50

GC Column: ID: Calib End Date: 11/06/2015 19:01

Lab File ID: P5B11115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	153468	166194		542	500	8.3	20.0
o-Terphenyl (Surr)	Ave	206900	218951		42.3	40.0	5.8	20.0

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-57597-1

SDG No.:

Batch Number: 205788 Batch Start Date: 11/09/15 10:35 Batch Analyst: Newsome, Yvonne D

Batch Method: 3540C Batch End Date: 11/10/15 02:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	exDIESELspkw 00068	exOTPSURRW 00006		
240-57597-D-1	F-VB-UST-1-14	3540C, 8015C	T	30.49 g	5 mL		1 mL		
240-57597-E-2	F-VB-UST-2-14	3540C, 8015C	T	29.69 g	5 mL		1 mL		
240-57597-D-3	F-VB-UST-3-14	3540C, 8015C	T	30.32 g	5 mL		1 mL		
240-57597-D-4	F-VB-UST-4-14	3540C, 8015C	T	30.31 g	5 mL		1 mL		
240-57597-D-5	F-VB-UST-5-14	3540C, 8015C	T	30.01 g	5 mL		1 mL		
240-57597-D-6	F-VB-UST-6-14	3540C, 8015C	T	29.79 g	5 mL		1 mL		
240-57597-D-7	F-VB-UST-7-14	3540C, 8015C	T	29.99 g	5 mL		1 mL		
240-57597-E-8	F-VB-UST-8-14	3540C, 8015C	T	30.45 g	5 mL		1 mL		
240-57597-D-9	F-VB-UST-9-14	3540C, 8015C	T	30.38 g	5 mL		1 mL		
240-57597-D-10	F-VB-UST-10-14	3540C, 8015C	T	30.04 g	5 mL		1 mL		
240-57597-E-11	F-VB-UST-11-14	3540C, 8015C	T	29.60 g	5 mL		1 mL		
240-57597-E-12	F-VB-UST-12-14	3540C, 8015C	T	29.52 g	5 mL		1 mL		
240-57597-E-13	F-VB-UST-13-14	3540C, 8015C	T	29.73 g	5 mL		1 mL		
240-57597-D-14	F-VB-UST-14-14	3540C, 8015C	T	30.43 g	5 mL		1 mL		
240-57597-D-15	F-VB-UST-DUP	3540C, 8015C	T	29.98 g	5 mL		1 mL		
240-57597-D-15 MS	F-VB-UST-DUP	3540C, 8015C	T	29.63 g	5 mL	1 mL	1 mL		
240-57597-D-15 MSD	F-VB-UST-DUP	3540C, 8015C	T	30.20 g	5 mL	1 mL	1 mL		
MB 240-205788/22		3540C, 8015C		30 g	5 mL		1 mL		
LCS 240-205788/23		3540C, 8015C		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	1339907
Na2SO4 Lot Number	2204509
Prep Solvent Lot #	2258960

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

APPENDIX F—RECEIPT AND WASTE MANIFESTS

Lockheed
Block F UST's



2684189565

CAMBRIDGE IRON & METAL CO, INC
901 SOUTH KRESSON STREET
BALTIMORE, MD 21224-4504

EL0155
$$$ELITE ENVIRONMENTAL
2323 EASTERN BLVD

MIDDLE RIVER MD 21220

Rcv:590652
Date:11/12/15
Time:15:30
Ctl:590652
Ref:

Commodity	Description				
Gross	Tare	Net	Price/UM		Amount
C02WF	STEEL				
45280*	36700*	8580	20.00	GT	76.61
ENV	ENVIRONMENTAL FEE				
1*	0	1	-10.00	EA	-10.00
Totals		8581			66.61

* INDICATES MANUAL WEIGHT ENTERED

Signature:_____

ID: MATT 360 CSH 590652 MG
Veh: 3600

Manifest Tracking Sheet
Soil Remedial Action - Block F UST Area
Lockheed Martin Corproation Middle River Complex
Middle River, Maryland

Manifest Number	Area Tracking Number	Block	Area	Truck Number	Driver	Net Weight (tons)	Net Weight (pounds)	Date
Block F UST Area								
343314	TT-BF-UST-1	F	UST	I-8	W. Burnette	27.53	55,060	10/23/2015
343315	TT-BF-UST-2	F	UST	I-6	J. Olney	27.44	54,880	10/23/2015
343316	TT-BF-UST-3	F	UST	I-15	B. Ashford	27.34	54,680	10/23/2015
343317	TT-BF-UST-4	F	UST	I-18	C. Cofield	30.55	61,100	10/23/2015
343318	TT-BF-UST-5	F	UST	I-5	R. Crooks	28.45	56,900	10/23/2015
343319	TT-BF-UST-6	F	UST	I-3	A. Olney	27.27	54,540	10/23/2015
343313	TT-BF-UST-7	F	UST	I-3	A. Olney	28.02	56,040	10/23/2015
343312	TT-BF-UST-8	F	UST	I-5	R. Crooks	29.63	59,260	10/23/2015
343311	TT-BF-UST-9	F	UST	I-18	C. Cofield	33.77	67,540	10/23/2015
343310	TT-BF-UST-10	F	UST	I-15	B. Ashford	33.45	66,900	10/23/2015
343309	TT-BF-UST-11	F	UST	I-8	W. Burnette	29.41	58,820	10/23/2015
343308	TT-BF-UST-12	F	UST	I-6	J. Olney	31.86	63,720	10/23/2015
343307	TT-BF-UST-13	F	UST	10	J. Thompson	28.23	56,460	10/23/2015
343270	TT-BF-UST-14	F	UST	I-15	B. Ashford	28.12	56,240	11/2/2015
343271	TT-BF-UST-15	F	UST	I-13	S. Miller	28.62	57,240	11/2/2015
343272	TT-BF-UST-16	F	UST	I-3	A. Olney	26.78	53,560	11/2/2015
343273	TT-BF-UST-17	F	UST	I-6	J. Olney	30.44	60,880	11/2/2015
343274	TT-BF-UST-18	F	UST	I-18	C. Cofield	26.78	53,560	11/2/2015
343275	TT-BF-UST-19	F	UST	I-10	D. Whalen	31.41	62,820	11/2/2015
343276	TT-BF-UST-20	F	UST	I-15	B. Ashford	28.81	57,620	11/2/2015
343277	TT-BF-UST-21	F	UST	I-3	A. Olney	26.18	52,360	11/2/2015
343278	TT-BF-UST-22	F	UST	I-13	S.Miller	27.58	55,160	11/2/2015
343279	TT-BF-UST-23	F	UST	I-18	C. Cofield	27.23	54,460	11/2/2015
343280	TT-BF-UST-24	F	UST	I-6	J. Olney	28.22	56,440	11/2/2015
343281	TT-BF-UST-25	F	UST	I-10	D. Whalen	28.10	56,200	11/2/2015
343282	TT-BF-UST-26	F	UST	I-10	J. Thompson	30.32	60,640	11/2/2015
343283	TT-BF-UST-27	F	UST	PG-2	J. Covington	28.07	56,140	11/2/2015
343284	TT-BF-UST-28	F	UST	I-3	A. Olney	26.06	52,120	11/2/2015

Manifest Tracking Sheet
Soil Remedial Action - Block F UST Area
Lockheed Martin Corproation Middle River Complex
Middle River, Maryland

Manifest Number	Area Tracking Number	Block	Area	Truck Number	Driver	Net Weight (tons)	Net Weight (pounds)	Date
Block F UST Area (Continued)								
343285	TT-BF-UST-29	F	UST	I-5	R. Crooks	23.99	47,980	11/3/2015
343286	TT-BF-UST-30	F	UST	I-7	C. Wallace	25.14	50,280	11/3/2015
343287	TT-BF-UST-31	F	UST	I-8	W. Burnette	31.25	62,500	11/3/2015
343288	TT-BF-UST-32	F	UST	I-7	C. Wallace	27.84	55,680	11/3/2015
343289	TT-BF-UST-33	F	UST	I-5	R. Crooks	23.08	46,160	11/3/2015
343290	TT-BF-UST-34	F	UST	I-3	A. Olney	24.57	49,140	11/3/2015
343291	TT-BF-UST-35	F	UST	I-8	W. Burnette	28.26	56,520	11/3/2015
343292	TT-BF-UST-36	F	UST	10	J. Thompson	26.18	52,360	11/3/2015
343293	TT-BF-UST-37	F	UST	I-18	C. Cofield	32.15	64,300	11/4/2015
343294	TT-BF-UST-38	F	UST	I-7	C. Wallace	26.39	52,780	11/4/2015
343295	TT-BF-UST-39	F	UST	10	J. Thompson	26.43	52,860	11/4/2015
343296	TT-BF-UST-40	F	UST	I-3	A. Olney	25.58	51,160	11/5/2015
343297	TT-BF-UST-41	F	UST	I-11	J. McGill	25.00	50,000	11/5/2015
343298	TT-BF-UST-42	F	UST	I-8	W. Burnette	29.33	58,660	11/5/2015
343299	TT-BF-UST-43	F	UST	I-20	T. Tucker	31.14	62,280	11/5/2015
343300	TT-BF-UST-44	F	UST	I-22	J. Olley	29.60	59,200	11/5/2015
343301	TT-BF-UST-45	F	UST	I-15	B. Ashford	30.14	60,280	11/5/2015
343302	TT-BF-UST-46	F	UST	I-11	J. McGill	25.82	51,640	11/5/2015
343303	TT-BF-UST-47	F	UST	I-8	W. Burnette	30.00	60,000	11/5/2015
343304	TT-BF-UST-48	F	UST	I-20	T. Tucker	32.32	64,640	11/5/2015
343305	TT-BF-UST-49	F	UST	I-15	B. Ashford	29.50	59,000	11/5/2015
343306	TT-BF-UST-50	F	UST	I-22	J. Olley	33.16	66,320	11/5/2015
317194	TT-BF-UST-51	F	UST	I-9	M. Anderson	29.86	59,720	11/16/2015
317195	TT-BF-UST-52	F	UST	I-15	B. Ashford	29.33	58,660	11/16/2015
317196	TT-BF-UST-53	F	UST	I-3	A. Olney	32.23	64,460	11/16/2015
317197	TT-BF-UST-54	F	UST	I-6	J. Olney	33.07	66,140	11/16/2015
317198	TT-BF-UST-55	F	UST	I-2	B. Banks	30.31	60,620	11/16/2015
317201	TT-BF-UST-56	F	UST	I-4	A. Bacon	28.07	56,140	11/16/2015

Manifest Tracking Sheet
Soil Remedial Action - Block F UST Area
Lockheed Martin Corproation Middle River Complex
Middle River, Maryland

Manifest Number	Area Tracking Number	Block	Area	Truck Number	Driver	Net Weight (tons)	Net Weight (pounds)	Date
Block F UST Area (Continued)								
317199	TT-BF-UST-57	F	UST	I-15	B. Ashford	28.99	57,980	11/16/2015
317200	TT-BF-UST-58	F	UST	I-9	M. Anderson	26.71	53,420	11/16/2015
338192	TT-BF-UST-59	F	UST	I-3	A. Olney	30.80	61,600	11/16/2015
347857	TT-BF-UST-60	F	UST	I-4	A. Bacon	26.51	53,020	11/16/2015
347858	TT-BF-UST-61	F	UST	I-6	J. Olney	29.89	59,780	11/16/2015
347860	TT-BF-UST-62	F	UST	I-2	B. Banks	28.26	56,520	11/16/2015
342584	TT-BF-UST-63	F	UST	I-8	W. Burnette	33.39	66,780	11/23/2015
342585	TT-BF-UST-64	F	UST	I-15	B. Ashford	26.62	53,240	11/23/2015
342586	TT-BF-UST-65	F	UST	10	J. Thompson	13.85	27,700	11/23-24/2015
					Block F UST Total	**1850.43**	**3,700,860**	

Note:
Soil Safe Waste Approval # W5-4194

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number 29.96

TT-BF-UST-51

317194

Generator Name LOCKHEED MARTIN CORP

Address 195 Chesapeake Park Plaza Rd
Middle River MD 21220

Phone No. 610-656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza
Middle River 21220

Phone No.

Approval Number WS 4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R. Jackson Agent for Lockheed Mart

Generator Authorized Agent Name | Signature | 11-16-15 Shipment Date

TRANSPORTER

Transporter Name I.O.J

Address

Driver Name (Print) Michael Anderson

Vehicle License No./State 226 & 68

Truck Number I-9

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11.16.15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11.16.15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-UST-52 29.33

317195

GENERATOR

Generator Name: Lockheed Martin Corp. Shipping Location: Lockheed Martin Middle

Address: 195 Chesapeake Park Plaza Rd Address: 195 Chesapeake Park Pl

Middle River, Md 21220 Middle River Md 21220

Phone No.: 610-626 4012 Phone No.:

Approval Number: WS-4494

Description of Material: Non-Regulated Petroleum Contaminated Soil; Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson for Lockheed Martin — 11-16-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: LOS Trucking Driver Name (Print): B Ashford

Address: 3540 Crain Hwy Vehicle License No./State: 246 E96

Bowie Md Truck Number: L-15

I hereby certify that the above named material was picked up at the generator site listed above.

B Ashford 11-16-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

B Ashford 11-16-15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-UST-53 32.28

317196

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza, Middle River Md 21220

Phone No.: 610-656-4012

Shipping Location: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza, Middle River Md 21220

Phone No.:

Approval Number: W5-4194

Description of Material:

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jorge P Ferguson, Agent for Lockheed Martin — [signature] — 11-16-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: T O J

Address: Bowie MD

Driver Name (Print): A Onley

Vehicle License No./State: 2110019

Truck Number: 3-3

I hereby certify that the above named material was picked up at the generator site listed above.

A Onley — 11/16/15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

A Onley — 11/16/15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number: TT-BF-UST-34 33.07

317197

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: Lockheed Martin Corp
Address: 195 Chesapeake Park Plaza Rd
Middle River MD 21220
Phone No.: 410-656-4010

Shipping Location: Lockheed Martin Corp
Address: Chesapeake Park Plaza Rd
Middle River MD 21220
Phone No.:

Approval Number: WS-4194

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R. Ferguson Lockheed Martin — 11-16-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: I. O.J
Address: Bowie MD
Driver Name (Print): J. Only
Vehicle License No./State: 212 rd 46
Truck Number: I.C

I hereby certify that the above named material was picked up at the generator site listed above.

J. Only — 11/16/15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

J. Only — 11/16/15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine
Phone No.: 301-782-3036
Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-UST-55 30.3

317198

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd, Middle River Md 21220

Phone No.: 610-656-4017

Shipping Location: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd, Middle River 21220

Phone No.:

Approval Number: W5-4194

Description of Material:

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Tegian Agent for Lockheed Martin — Generator Authorized Agent Name

[signature] — Signature

11-16-15 — Shipment Date

TRANSPORTER

Transporter Name: IOJ

Address: Bowie, MD

Driver Name (Print): Bill Banks

Vehicle License No./State: 205 ED 88

Truck Number: 2

I hereby certify that the above named material was picked up at the generator site listed above.

[signature] — Driver Signature

11/16/15 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[signature] — Driver Signature

11/16/15 — Delivery Date

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:20

TT-BF-UST-57 28.99

317199

GENERATOR

Generator Name Lockheed Martin Corp

Address 175 Chesapeake Park Plaza Rd

Millers Run MD 21220

Phone No. 410-656-4012

Shipping Location Lockheed Martin Corp

Address 175 Chesapeake Park Plaza Rd

Millers Run MD 21220

Phone No.

Approval Number WS-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin JPF 11-16-15

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name T OS Trucking

Address 3540 Crain Hwy

Bowie Md

Driver Name (Print) B Ashford

Vehicle License No./State 246396

Truck Number 1-15

I hereby certify that the above named material was picked up at the generator site listed above.

B Ashford 11-16-15

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

B Ashford 11-16-15

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:30

TT-BF-UST-58 26.71

317200

GENERATOR

Generator Name [illegible] Shipping Location [illegible]

Address [illegible] Address [illegible]

[illegible]

Phone No. [illegible] Phone No. _____

Approval Number WS-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[illegible] 11-16-15

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name T.O.J Driver Name (Print) Michael Anderson

Address _____ Vehicle License No./State 226566

_____ Truck Number T-9

I hereby certify that the above named material was picked up at the generator site listed above.

[illegible] 11.16.15

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[illegible] 11.16.15

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-051-56 28.07

317201

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd
Middle River MD 21220

Phone No.: 410-686-4012

Shipping Location: Lockheed Martin Bldg 3

Address: 195 Chesapeake Park Plaza Rd
Middle River MD 21220

Phone No.:

Approval Number: 054174

Description of Material:
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Thomas P. Ferguson Agent for Lockheed Martin — 11-16-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: E&S

Address: Bowie MD

Driver Name (Print): Burns

Vehicle License No./State: 217-45

Truck Number: E4

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — Shipment Date: 11-16-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — Delivery Date: 11-16-15

DESTINATION

Site Name: Brandywine — Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 30.80

TY-SF-UST-59

338192

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number

WS-[illegible]

4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [illegible] Agent for Lockheed Martin

Signature [illegible]

Shipment Date 11/[illegible]

TRANSPORTER

Transporter Name TOI

Address

Bowie Md

Driver Name (Print) A. Olney

Vehicle License No./State 311 E D 17

Truck Number F-3

I hereby certify that the above named material was picked up at the generator site listed above.

A Onley

Driver Signature

11-16-15

Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

A Onley

Driver Signature

11-16-15

Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 33.39

TT BF-UST-63

342584

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River

Address: 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.:

Approval Number: W5-4169 94

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R Ferguson Agent for Lockheed Martin — [signature] — 11-23-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: IAT

Address: Bowie Md

Driver Name (Print): Wendell Brewster

Vehicle License No./State: 226 E 567

Truck Number: E-6

I hereby certify that the above named material was picked up at the generator site listed above.

[signature] — 11-23-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[signature] — 11-23-15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: 2662 TT-BF-UST-64

342585

GENERATOR

Generator Name: Lockheed Martin Corp
Address: 195 Chesapeake Park Plaza Rd
Middle River, MD 21220
Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River
Address: 195 Chesapeake Park Plaza Road
Middle River, MD 21220
Phone No.:

Approval Number: W5-410

Description of Material: Non-Regulated Petroleum Contaminated Soil; Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R Ferguson Agent for Lockheed Martin — 11-23-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: IOS Inc.
Address: 3540 Crain Hwy
Bowie Md
Driver Name (Print): B. Ashford
Vehicle License No./State: 246-596
Truck Number: F-15

I hereby certify that the above named material was picked up at the generator site listed above.

B Ashford — 11-23-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

B Ashford — 11-23-15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine
Phone No.: 301-782-3036
Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 13.85

TT-BI-UST-65

342586

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-41[illegible] 94

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R. Ferguson Agent for Lockheed Martin — [signature] — 11-23-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Red Top

Address

Driver Name (Print) J. Thompson

Vehicle License No./State 260 E 40

Truck Number 10

I hereby certify that the above named material was picked up at the generator site listed above.

J. THOMPSON 11-23-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

J. THOMPSON 11-23-15

Driver Signature — Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:10

TT-8fc-UST-11

343270

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[illegible] Agent for Lockheed Martin [illegible] 11-2-15

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name [illegible] Driver Name (Print) [illegible]

Address 3540 [illegible] Vehicle License No./State 246 [illegible]

Bowie Md Truck Number [illegible]

I hereby certify that the above named material was picked up at the generator site listed above.

[illegible] 11-2-15

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[illegible] 11-2-15

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:20

TT-BF-VST-15

343271

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Farrow Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 11-2-15 Shipment Date

TRANSPORTER

Transporter Name I.O.J.

Address 3540 Crain Hwy # 268

Bowie, MD 20716

Driver Name (Print) S. Miller

Vehicle License No./State 245 74 MD

Truck Number I-13

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-2-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-2-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:26

TT-BF-UST-16

343272

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[illegible] Agent for Lockheed Mart

Generator Authorized Agent Name | Signature | Shipment Date 11/2/15

TRANSPORTER

Transporter Name I. O. J.

Address Bowie MD

Driver Name (Print) ~~Tony~~ Antonio Oxley

Vehicle License No./State 211 2019

Truck Number J-3

I hereby certify that the above named material was picked up at the generator site listed above.

A. Oxley 11/2/15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

A. Oxley 11/2/15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 07:33

NON-HAZARDOUS MATERIAL MANIFEST

343273

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name I C J

Address

Bowie MD

Driver Name (Print) J. Corley

Vehicle License No./State 212 Cd 46

Truck Number I C

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 11/2/15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 11/2/15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:46

11-BT-USF-18

343274

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R Ferguson Agent for Lockheed Martin — 11-2-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name I.O.J

Address BOWIE, MD

Driver Name (Print) C Cofield

Vehicle License No./State 253525

Truck Number I-18

I hereby certify that the above named material was picked up at the generator site listed above.

C Cofield — 11-2-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

C Cofield — 11-2-15

Driver Signature — Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:55

FT-BF-WST 19

343275

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James F. Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name IOJ

Address 3540 Crain hwy

Bowie, Md

Driver Name (Print) Derrick Whalen

Vehicle License No./State 236ED89

Truck Number I-10

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 11/2/15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 11/2/15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 10:12

JT-BF-UST-20

343276

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[illegible] Lockheed Mart [signature] 11-2-15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name T OD Trucking

Address 3540 Crain Hwy

Bowie Md

Driver Name (Print) B Gifford

Vehicle License No./State 246E796

Truck Number T-15

I hereby certify that the above named material was picked up at the generator site listed above.

B Gifford 11-2-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

B Gifford 11-2-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 10:44

TT-BF-UST-02

343277

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin — [signature] — 11-2-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name IOJ

Address

Bowie MD

Driver Name (Print) [illegible]

Vehicle License No./State 211 [illegible]

Truck Number 2-3

I hereby certify that the above named material was picked up at the generator site listed above.

A Coley — 11/2/15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

A Coley — 11/2/15

Driver Signature — Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 10:54

II-BF-UST-22

343278

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Shipment Date | Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11.00

TT-BF-UST-23

343279

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Farmer Lockheed Martin 11-2-15

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:05

IT-BE-USI-24

343280

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | Shipment Date 11-2-15

TRANSPORTER

Transporter Name DOT

Address

Bowie Md

Driver Name (Print) J Olney

Vehicle License No./State 212 & 46

Truck Number F-6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 11-2-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 11-2-15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11:16

11-BF-051-35

343281

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4198

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson for Lockheed Martin 11-3-13

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name J&S

Address 3540 Crain hwy

Bowie MD

Driver Name (Print) D Wheeler

Vehicle License No./State 236509

Truck Number 1-10

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 11-3-13 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature 11-3-13 Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-1057-76

343282

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River

Address: 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.:

Approval Number: W5-4194

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] Lockheed Martin
Signature: [signature]
Shipment Date: 11-2-15

TRANSPORTER

Transporter Name: REDDTOPP/IOJ

Address:

Driver Name (Print): JERMAINE Thompson

Vehicle License No./State: 260 640

Truck Number: I 10

I hereby certify that the above named material was picked up at the generator site listed above.

J. THOMPSON
Driver Signature
Shipment Date: 11-2-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

J. THOMPSON
Driver Signature
Delivery Date: 11-2-15

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent
Signature
Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 14:20

11-BF-UST-27

343283

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

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TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ingram Agent for Lockheed Martin [signature] 11/2/15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name Progressive Group

Address Upper Marlboro

Driver Name (Print) Joseph Covington

Vehicle License No./State 248084

Truck Number P6-2

I hereby certify that the above named material was picked up at the generator site listed above.

[signature] 11/2/15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[signature] 11/2/15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 14135

343284

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:15

TT-BS-UST-29

343285

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Lockheed Martin [signature] 11-3-15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name I.O.T

Address Bowie Md

Driver Name (Print) Raymond Cooks

Vehicle License No./State Md 242-57

Truck Number I-5

I hereby certify that the above named material was picked up at the generator site listed above.

[signature] 11-03-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[signature] 11-3-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:25

343286

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [illegible] Agent for [illegible] Signature [signature] Shipment Date 11-3-15

TRANSPORTER

Transporter Name IUS

Address 3540 Crain Hwy

Bowie MD

Driver Name (Print) Craig Wallace

Vehicle License No./State 242 ED 56

Truck Number I-7

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature [signature] Shipment Date 11-3-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [signature] Delivery Date 11-3-15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 08:25

TT-BT-UST-31

343287

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Lingusa Lockheed Martin Agent

Generator Authorized Agent Name | Signature | 11-3-15 Shipment Date

TRANSPORTER

Transporter Name TOI

Address

Bowie Md

Driver Name (Print) Wendell Pickwette

Vehicle License No./State 206563

Truck Number J-8

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-3-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-3-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 10:49

11-BE-UST-30

343288

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W8-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:00

77-BF-UST-33

343289

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Mtn

Generator Authorized Agent Name | Signature | 11-3-15 Shipment Date

TRANSPORTER

Transporter Name 307

Address 3450 Craig Highway

Bowie Md

Driver Name (Print) R. Brooks

Vehicle License No./State 242 D 57

Truck Number 3-5

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-3-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-3-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11:46

NON-HAZARDOUS MATERIAL MANIFEST

343290

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 12:15
TT-BF-UST-36

343291

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Teasman Agent for Lockheed Mart

Generator Authorized Agent Name | Signature | 11-3-15 Shipment Date

TRANSPORTER

Transporter Name IOJ

Address

Bowie Md

Driver Name (Print) Wendell Burnette

Vehicle License No./State 226 8 67

Truck Number I-8

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-3-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-3-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 13:00

NON-HAZARDOUS MATERIAL MANIFEST

343292

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name [illegible] TOT

Address HAGERSTOWN MARYLAND

Driver Name (Print) JERMAINE THOMPSON

Vehicle License No./State [illegible]

Truck Number 10

I hereby certify that the above named material was picked up at the generator site listed above.

J. THOMPSON

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

J. THOMPSON

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 10:50

TT-BF-USF-37

343293

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin [signature] 11-4-15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name IOJ

Address 3540 Crain Highway

Bowie MD

Driver Name (Print) C Cofield

Vehicle License No./State 233 EP 25

Truck Number I-18

I hereby certify that the above named material was picked up at the generator site listed above.

C Cofield 11-4-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

C Cofield 11-4-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 12:44

343294

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date _____

TRANSPORTER

Transporter Name _____

Address _____

_____

Driver Name (Print) _____

Vehicle License No./State _____

Truck Number _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____ Delivery Date _____

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date _____

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 13:00

TT-BF-USF-39

343295

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R. Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 11-4-15 Shipment Date

TRANSPORTER

Transporter Name Rd Top

Address

Driver Name (Print) J Thompson

Vehicle License No./State 260 E D 40

Truck Number 10

I hereby certify that the above named material was picked up at the generator site listed above.

J. THOMPSON 11-4-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

J. THOMPSON 11-4-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:20

TT-BF-USF-40

343296

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date 11.5.15

TRANSPORTER

Transporter Name JOT

Address

Bowie Md

Driver Name (Print) N Only

Vehicle License No./State 211 5 19

Truck Number I-3

I hereby certify that the above named material was picked up at the generator site listed above.

N Only 11/5/15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

N Only 11/5/15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 07:10

TT-BF-UST-41

343297

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | 11-5-15 Shipment Date

TRANSPORTER

Transporter Name JDJ

Address 3570 Old Hwy

Bowie MD

Driver Name (Print) J. M. Gill

Vehicle License No./State 240589

Truck Number J-11

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-5-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-5-15 Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 07:40

TI-BF-UST-42

343298

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 4-5-16

TRANSPORTER

Transporter Name _____

Address _____

_____

Driver Name (Print) _____

Vehicle License No./State _____

Truck Number _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date 4-5-16

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____ Delivery Date 4-6-16

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date _____

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 8.15

TT-BF-VST-43

343299

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility | Green - Facility | Yellow - Generator | Pink - Broker | Goldenrod - Contractor | Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 8:30

TT - BF - UST - 44

343300

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ 11-5-15 Shipment Date

TRANSPORTER

Transporter Name _____

Address _____

_____

Driver Name (Print) Joe Olley

Vehicle License No./State _____

Truck Number _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ 11-5-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____ 11-5-15 Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 8:45

TT-BF-UST-45

NON-HAZARDOUS MATERIAL MANIFEST

343301

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name T&T Trucking

Address 3540 Crain Hwy

Bowie Md

Driver Name (Print) B Ashford

Vehicle License No./State 246ED96

Truck Number T-15

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 11-15-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 11-15-15

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:27
TT-BF-UST-46

343302

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [illegible] Signature [illegible] Shipment Date 11-5-15

TRANSPORTER

Transporter Name IOT

Address [illegible]
Bowie Md

Driver Name (Print) Jason McGill

Vehicle License No./State 240 CD 89

Truck Number I-11

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date 11-5-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Delivery Date 11-5-15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11-27
TT-BF-UST-47

343303

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James R Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 11-5-15 Shipment Date

TRANSPORTER

Transporter Name IOJ

Address

Bowie Md

Driver Name (Print) W Burnette

Vehicle License No./State 226567

Truck Number 2 8

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-5-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-5-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-WST-48

343304

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River

Address: 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.:

Approval Number: W5-4194

Description of Material: Non-Regulated Petroleum Contaminated Soil; Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility | Green - Facility | Yellow - Generator | Pink - Broker | Goldenrod - Contractor | Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-UST-49

343305

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd
Middle River, MD 21220

Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River

Address: 195 Chesapeake Park Plaza Road
Middle River, MD 21220

Phone No.:

Approval Number: W5-4194

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[illegible] Lockheed Martin — [signature] — 11-5-15

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: Joos Trucking

Address: 3540 Crain Hwy
Bowie Md

Driver Name (Print): B Ashford

Vehicle License No./State: 24 [illegible] 96

Truck Number: I-15

I hereby certify that the above named material was picked up at the generator site listed above.

[signature] — 11-5-15 / 11-5-15

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[signature] — 11-5-15 / 11-5-15

Driver Signature — Delivery Date

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: TT-BF-UST-50

343306

GENERATOR

Generator Name: Lockheed Martin Corp

Address: 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No.: (610) 656-4012

Shipping Location: Lockheed Martin Middle River

Address: 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.:

Approval Number: W5-4194

Description of Material: Non-Regulated Petroleum Contaminated Soil; Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] Agent for Lockheed Martin

Signature

Shipment Date: 11-5-15

TRANSPORTER

Transporter Name: TOS

Address:

Bowie Md

Driver Name (Print): T. Olky

Vehicle License No./State: 256 5 45

Truck Number: I-22

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date: 11-5-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Delivery Date: 11-5-15

DESTINATION

Site Name: Brandywine

Phone No.: 301-782-3036

Address: 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number

343307

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name [illegible]

Address [illegible]

Driver Name (Print) [illegible] Thomas

Vehicle License No./State [illegible]

Truck Number 10

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 10/23/15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 10/23/15

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 12:15

343308 12

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name FOJ

Address

Pine MD

Driver Name (Print) T. Cooley

Vehicle License No./State 212 CL 46

Truck Number I-6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 10/25/15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 10/25/15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11 12:30

343309

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print) Wearchell Burnette

Vehicle License No./State 226 EP 67

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 10/23/15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 10/23/15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11:30

343310

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11:40

343311

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4184

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number T-18

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date 10-23-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date 10-23-15

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:10 5

343312

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print) Raymond Cooks

Vehicle License No./State Md 242-57

Truck Number T-5

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 11:00

343313

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name

Address

Driver Name (Print)

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 9:00

T2-BF-USF-1

343314

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 10/23/15 Shipment Date

TRANSPORTER

Transporter Name IOS

Address 3546 Crain Hwy

Bowie MD

Driver Name (Print) Wendell Burnette

Vehicle License No./State 226 FD67

Truck Number I8

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 10/23/15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 10/23/15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 8375

11-BF-UST-2

343315

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

James P. Ferguson for Lockheed Martin 10-23-15

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name EOT

Address Bowie MD

Driver Name (Print) J Ortiz

Vehicle License No./State 212 GA 46

Truck Number E-6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 10/23/15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature 10/23/15 Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 8:20

343316

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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Generator Authorized Agent Name — Signature — Shipment Date 10-23-15

TRANSPORTER

Transporter Name LOJ Trucking

Address 3540 Cross Hwy

Bowie Md

Driver Name (Print)

Vehicle License No./State 246 EJ 96

Truck Number 1-15

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — Shipment Date 10-23-15

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — Delivery Date 10-23-15

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 8:00

T1-B1 - UST-4

343317

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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James P. Ferguson Agent for Lockheed Martin — 10-23-15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name I.O.J

Address Bowie, MD

Driver Name (Print) C Cofield

Vehicle License No./State 253 E 25

Truck Number I-18

I hereby certify that the above named material was picked up at the generator site listed above.

C Cofield 10-23-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

C Cofield 10-23-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 7:45

11-BF-057-5

343318

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W6-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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[illegible] Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 10-23-15 Shipment Date

TRANSPORTER

Transporter Name Trod

Address Bowie Md

Driver Name (Print) Raymond Crooks

Vehicle License No./State Md 2[illegible]57

Truck Number I-5

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 10-23-15 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 10-23-15 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 7:35

T1-BL-057-6

343319

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd

Middle River, MD 21220

Phone No. (610) 656-4012

Shipping Location Lockheed Martin Middle River

Address 195 Chesapeake Park Plaza Road

Middle River, MD 21220

Phone No.

Approval Number W5-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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Generator Authorized Agent Name | Signature | Shipment Date 10/23/15

TRANSPORTER

Transporter Name I.O.I.

Address Bowie MD

Driver Name (Print) Antonio Only

Vehicle License No./State 211ED19

Truck Number 13

I hereby certify that the above named material was picked up at the generator site listed above.

A Only 10/23/15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

A Only 10/23/15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 11:57 TT-BF-UST-60 26.51

347857

GENERATOR

Generator Name Lockheed Martin Coirp

Address 195 Chesapeake Park Plaza Rd.
Middle River,, MD 21220

Phone No. (610) 636-4012

Shipping Location Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd.
Middle River, MD 21220

Phone No. (610) 636-4012

Approval Number W5-419[illegible]

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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James R. Ferguson Lockheed Martin [signature] 11-16-15

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name IOJ

Address B
Bowie Md

Driver Name (Print) A. Bassett

Vehicle License No./State 217 & 65

Truck Number I-4

I hereby certify that the above named material was picked up at the generator site listed above.

A Bassett 11-16-15

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Bassett 11-16-15

Driver Signature | Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 29.89
TT-BF-UST-61

347858

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd.
Middle River, MD 21220

Phone No. (610) 636-4012

Shipping Location Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd.
Middle River, MD 21220

Phone No. (610) 636-4012

Approval Number W5-4198-4

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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Generator Authorized Agent Name Agent for Lockheed Martin Signature 11-16-13 Shipment Date

TRANSPORTER

Transporter Name EQ

Address Baltimore MD

Driver Name (Print) J Olney

Vehicle License No./State 212546

Truck Number 2-6

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 11/16/13 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature 11/16/13 Delivery Date

DESTINATION

Site Name Brandywine Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number 28.26

TT-BF-UST-62

347860

GENERATOR

Generator Name Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd.

Middle River, MD 21220

Phone No. (610) 636-4012

Shipping Location Lockheed Martin Corp

Address 195 Chesapeake Park Plaza Rd.

Middle River, MD 21220

Phone No. (610) 636-4012

Approval Number 4

WS-4194

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

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Agent for Lockheed Martin

Generator Authorized Agent Name | Signature | 11-16-13 Shipment Date

TRANSPORTER

Transporter Name IOT

Address

Bowie MD

Driver Name (Print) B. Banks

Vehicle License No./State 205 FD 88

Truck Number 2-2

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | 11-16-13 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | 11-16-13 Delivery Date

DESTINATION

Site Name Brandywine

Phone No. 301-782-3036

Address 16001 Mattawoman Drive, Brandywine, Md. 20613

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

APPENDIX G—30-DAY NOTIFICATION FORM, REGISTRATION FORMS, AND MDE TANK REMOVAL REPORT

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land Management Administration • Oil Control Program
1800 Washington Boulevard • Suite 620 • Baltimore Maryland 21230-1719
410-537-3442 • 800-633-6101 x3442 • 410-537-3092 (fax) • www.mde.maryland.gov

Underground Storage System Removal/Abandonment

30-Day Written Notification

Case No: _____

☐ Facility No:_____
(check box if facility was not previously registered)

This form shall be used to notify the Department at least 30 days before beginning underground storage tank removal and/or abandonment-in-place. When fully completed, this form may be accepted as an amendment to the Notification for Underground Storage Tanks currently on file with the Department, for the removals and/or abandonments listed. New tank installations must be reported on the five-page notification (Form Number MDE/WAS/PER.012). The Department reserves the right to require Form Number MDE/WAS.PER.012, if determined necessary to properly update Department records.

(1) ***Type of facility***: (check one) ___Government X Commercial ___Farm/Nursery ___Residential (non-rental) ___Other (please specify)_____

(2) ***Type of work being performed***: (check all that apply) X Removal ___Abandonment in Place ___Temporary Closure ___Installation ___Upgrade of Existing Tank/Piping

(3) ***Date work is to be performed***: July 28, 2015 (4) ***Estimated time that work will be ready for inspection***: 10:00 am

(5) ***Insurance Information***: (check one) ___Self Insurance ___Insurance Pool ___Risk Retention Group ___Guarantee ___Letter of Credit ___Surety Bond
___Commercial Insurance: Policy No.:_____ Insurer:_____ Agent/Broker:_____ Phone:_____
___ Other Method allowed: (specify)_____

(6) ***Contractor Information:***	(7) ***Facility Information:***	(8) ***Owner Information:***
Elite Environmental & Petroleum Services, Inc.	Lockheed Martin Corporation Middle River Complex Tax Block F	Lockheed Martin Corporation
Company Name	Facility Name	Owner Name
P.O. Box 615	195 Chesapeake Park Plaza	6801 Rockledge Drive
Mailing Address	Street Address	Mailing Address
Cape Canaveral, FL 32920	Middle River, MD 21220	Bethesda, MD 20817
City/State/Zip	City/State/Zip	City/State/Zip
Lawrence Macher	Eastern Blvd.	Tom Blackman
Name of Contact Person	Nearest Cross Street	Contact Person at owner location (**not contractor**)
443.324.1100 321.613.5267	Jim Ferguson	301.548.2209
Telephone No. Fax No.	Name of Contact Person at Site	Telephone No. Fax No.
Lawrence Macher	412.496.9283	Michael Martin (Tetra Tech Program Manager)
Name of Person certified to do work	Telephone No. of Contact Person	Name/Title of person authorized to represent owner
MDIC- 2015-1907 exp. date 05/01/2017		

30-DAY WRITTEN NOTIFICATION

MDE Oil Control Program

(9) ***Underground Storage Tank Information:*** ***Facility No.:*** _____

Tank Number	Tank Capacity	Type of Product	Material of Construction Tank	Material of Construction Piping	Date Tank Last Used	Date Tank Last Tested	Pass or Failed?	Type of Test
1	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
2	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
3	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
4	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
5	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
6	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—
7	1,000 gal	unknown	unknown	unknown	1954	unknown	—	—

(10) ***Are there additional underground storage tanks at this facility not listed above?*** ____Yes __X__No

(11) ***Certification***:

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information submitted is true, accurate and complete. I understand this form may not be accepted by the Oil Control Program if the information is incomplete. (Complete items 1 through 11)

Signature of UST Owner/ Authorized Owner Representative: _____ ***Title:*** Tetra Tech Program Manager ***Date:*** 5/29/15
(as listed in section 8 of this form)

Notice: Collection of Personal Records – State Government Article § 10-624

This Notice is provided pursuant to § 10-624 of the State Government Article of the Maryland Code. The personal information requested on this form is intended to be used in processing your application. Failure to provide the information requested may result in your application not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State law.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard, Suite 620 • Baltimore Maryland 21230-1719
(410) 537-3442 • 1-800-633-6101 • http:// www.mde.maryland.gov

P1

LAND MANAGEMENT ADMINISTRATION
Oil Control Program

Case #: 16-0084BA
☐INITIAL / ☒FOLLOW-UP

Tank Removal / Abandonment

Site Name: BLOCK F - LOCHHEED MARTIN CORP
Address: 195 CHESAPEAK PARK PLAZA MIDDLE RIVER, MD 21220

Date: 11-4-2015
Facility ID #: 13189

1. (a) 7 Number of UST's removed (b) 0 Number of UST's abandoned-in-place (c) 1 Number of UST's remaining on-site.
2. Has an environmental assessment been completed? ☐YES ☒NO

Tank	Product	Age (years)	Size (gallons)	Tank Construction	Perforations		Piping Construction	Disposal Site
					Tank	Piping		
1	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐	Bare Steel	CAMBRIDGE
2	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐		Cambridge
3	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐		Cambridge
4	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐		Cambridge
5	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐		Cambridge
6	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐		Cambridge

3. Has piping been properly abandoned? ☐YES ☒NO ☐UNKNOWN
4. Has vent risers been removed? ☐YES ☐NO N/A
5. Has all liquid been removed from UST(s)? ☒YES ☐NO
6. Is explosion meter on site? ☒YES ☐NO
7. Have UST(s) been purged of explosive or combustible vapors? ☒YES ☐NO
   (must confirm less than 10% LEL with explosion meter)
8. Is groundwater contaminated? ☐YES ☐NO ☒NOT DETECTABLE AT THIS TIME
9. Is soil contaminated? (if yes, type of product:_____) ☐YES ☐NO ☒NOT DETECTABLE AT THIS TIME
10. Were contaminated soils removed? ☒YES ☐NO
    (If YES, complete *Contaminated Soil Removal Form*; If NO, describe in item 18)
11. Was soil field screened? ☒YES ☐NO
    Tank: max. units 4 at overburden Piping: max. units _____ at _____
12. Are domestic well(s) on site? ☐YES ☒NO
    Is sampling required? (If YES, list EPA method in item 14) ☐YES ☐NO

13. **ACTIONS REQUIRED, IMMEDIATELY, OF THE OWNER BY THIS ADMINISTRATION:**
☐STOP OPERATIONS ☐PUMP OUT LIQUIDS ☐CONTAIN AND CLEAN UP SPILL
☐OTHER: _____

14. **ACTIONS REQUIRED, WITHIN 45 DAYS, OF THE OWNER BY THIS ADMINISTRATION:**
☒SUBMIT ALL TANK REMOVAL/ABANDONMENT DOCUMENTATION INCLUDING: UST CLOSURE REPORT as per guidance document.
☒PROPERLY ABANDON PIPING IN COMPLIANCE WITH COMAR 26.10.10.02 B.(2) (removed unless otherwise directed)
☒REMOVE VENT PIPE RISER (S)
☐_____ MONITORING WELL (S) REQUIRED IN PETROLEUM IMPACTED AREA (S) DESCRIBED IN ITEM 18
☐COMPLETE AN ENVIRONMENTAL ASSESSMENT IN COMPLIANCE WITH COMAR 26.10._____(submit two copies)
☒SUBMIT SOIL ANALYTICAL RESULTS:
EPA METHOD: ☒8015B GRO/DRO ☒8270 (SVOCs) ☒8260 (VOCs)
☒OTHER:PCBS EPA 8081/8082
☐SUBMIT GROUNDWATER ANALYTICAL RESULTS:
EPA METHOD ☐8015B GRO/DRO ☐8270 (SVOCs) ☐8260 (VOCs) ☐524.2 (VOCs)
☐OTHER _____
☒SUBMIT SOIL DISPOSAL RECEIPT
☒SUBMIT TANK DISPOSAL RECEIPT

p2

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard, Suite 620 • Baltimore Maryland 21230-1719
(410) 537-3442 • 1-800-633-6101 • http:// www.mde.maryland.gov

LAND MANAGEMENT ADMINISTRATION
Oil Control Program

Case #: 16-0084BA
☐INITIAL / ☒FOLLOW-UP

Tank Removal / Abandonment

Site Name: BLOCK F - LOCHHEED MARTIN CORP
Address: 195 CHESAPEAK PARK PLAZA MIDDLE RIVER, MD 21220

Date: 11-4-2015
Facility ID #: 13189

1. (a) 7 Number of UST's removed (b) 0 Number of UST's abandoned-in-place (c) 1 Number of UST's remaining on-site.
2. Has an environmental assessment been completed? ☐YES ☒NO

Tank	Product	Age (years)	Size (gallons)	Tank Construction	Perforations		Piping Construction	Disposal Site
					Tank	Piping		
7	Aviation	>25	1000	Bare Steel	Yes ☐ No ☒	Yes ☐ No ☐	Bare Steel	CAMBRIDGE
					Yes ☐ No ☒	Yes ☐ No ☐		
					Yes ☐ No ☒	Yes ☐ No ☐		
					Yes ☐ No ☒	Yes ☐ No ☐		
					Yes ☐ No ☒	Yes ☐ No ☐		
					Yes ☐ No ☒	Yes ☐ No ☐		

3. Has piping been properly abandoned? ☐YES ☒NO ☐UNKNOWN
4. Has vent risers been removed? ☐YES ☐NO NA
5. Has all liquid been removed from UST(s)? ☒YES ☐NO
6. Is explosion meter on site? ☒YES ☐NO
7. Have UST(s) been purged of explosive or combustible vapors? ☒YES ☐NO
   (must confirm less than 10% LEL with explosion meter)
8. Is groundwater contaminated? ☐YES ☐NO ☒NOT DETECTABLE AT THIS TIME
9. Is soil contaminated? (if yes, type of product:_____) ☐YES ☐NO ☒NOT DETECTABLE AT THIS TIME
10. Were contaminated soils removed? ☒YES ☐NO
    (If YES, complete *Contaminated Soil Removal Form*; If NO, describe in item 18)
11. Was soil field screened? ☒YES ☐NO
    Tank: max. units 4 at overburden Piping: max. units _____ at _____
12. Are domestic well(s) on site? ☐YES ☒NO
    Is sampling required? (If YES, list EPA method in item 14) ☐YES ☐NO
13. **ACTIONS REQUIRED, IMMEDIATELY, OF THE OWNER BY THIS ADMINISTRATION**:
    ☐STOP OPERATIONS ☐PUMP OUT LIQUIDS ☐CONTAIN AND CLEAN UP SPILL
    ☐OTHER: _____

14. **ACTIONS REQUIRED, WITHIN 45 DAYS, OF THE OWNER BY THIS ADMINISTRATION**:
    ☒SUBMIT ALL TANK REMOVAL/ABANDONMENT DOCUMENTATION INCLUDING: UST CLOSURE REPORT as per guidance document.
    ☒PROPERLY ABANDON PIPING IN COMPLIANCE WITH COMAR 26.10.10.02 B.(2) (removed unless otherwise directed)
    ☐REMOVE VENT PIPE RISER (S)
    ☐_____ MONITORING WELL (S) REQUIRED IN PETROLEUM IMPACTED AREA (S) DESCRIBED IN ITEM 18
    ☐COMPLETE AN ENVIRONMENTAL ASSESSMENT IN COMPLIANCE WITH COMAR 26.10._____(submit two copies)
    ☒SUBMIT SOIL ANALYTICAL RESULTS:
    EPA METHOD: ☒8015B GRO/DRO ☒8270 (SVOCs) ☒8260 (VOCs)
    ☒OTHER:PCBS EPA 8081/8082
    ☐SUBMIT GROUNDWATER ANALYTICAL RESULTS:
    EPA METHOD ☐8015B GRO/DRO ☐8270 (SVOCs) ☐8260 (VOCs) ☐524.2 (VOCs)
    ☐OTHER _____
    ☒SUBMIT SOIL DISPOSAL RECEIPT
    ☒SUBMIT TANK DISPOSAL RECEIPT

Date: 11/4/15
Case No.: 16-0084BA
Facility No.: 13189

14. (continued)
☒AMEND REGISTRATION: ☐Notification form provided to contact person
☒Owner/Representative informed case file may remain open until notification form is received by MDE
☐ Completed on site.

☐OTHER: ____

15. Has inspector completed: site sketch? ☐YES ☒NO site photographs? ☒YES ☐NO
16. Were tank(s) labeled? (If YES, describe: tank number) ☒YES ☐NO
17. Is follow-up required by this Administration? ☒YES ☐NO

18.COMMENTS:

Writer onsite to observe the removal of seven (7) 1000 gallon steel tanks in Block F portion of LockheEd Martin. The tanks were previously filled in with slurry (concrete/fly ash mix). Drop tubes are inside the tanks and filled with water. Tank 3 and Tank 1 appeared to be partially filled with slurry material and water was observed in tank 3, but no LPH. No perforations were observed in any of the tanks. Piping was encountered on top of the tanks (not connected to the tanks). Piping run is observed at the south corner of tank field leading to the waters edge. The piping run at the tank field end was filled with concrete. The piping will be uncovered and removed at a later date. No water or product was encountered.

Prior to removing the tanks, sheet piling was installed. The tank field was inside a concrete vault with concrete between the tanks. A concrete pad is present at the bottom of the tanks, approximately 12-ft bgs and removed for soil sampling. MAX PID of the soil above and around the tanks were measured at 3-4 ppm ; and were removed for proper offsite disposal. Max PID below the concrete pad was 0.1 - 0.2 units.

REQUIREMENTS:REQUIREMENTS:

1. As per the approved work plan (ROO Work Plan Approval dated 10/6/15) 14 confirmatory soil samples will be collected and analyzed as discussed on site (5 samples will be collected at each side of the excavation (long wall) and below the sheeting if possible. Four samples will be collected within the excavated area, below the tanks).
2. MDE will be notified when piping is exposed for removal and sampling. Soil samples as per the approved work plan will be collected every 15 linear ft.
3. Tanks will be cut open and all the material inside the tanks must be properly disposed of. Tanks will be cut on site and properly disposed. Additional sampling may be required by the disposal facility for waste characterization if the fill is fly ash.
4. Amend the UST Registration.
5. UST Closure Report must be submitted within 45-days including all disposal receipts, laboratory data, site map showing locations of soil samples, tank location, adjacent structures/features, and other information as per the guidance document.

Ellen Jackson
Inspector's Name

Ellen Jackson
Inspector's Signature

James R. Ferguson P.E.
Contact Person's Name (printed)

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Contact Person's Signature

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Larry Macher
Contractor's Name (Printed)

Contractor's Signature

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Lawrence Macher
Technician/Remover Name (printed)

MDIC-2015-1907(R)
Certification Number

May 1, 2017
Expiration Date